Maritime Heritage Minnesota

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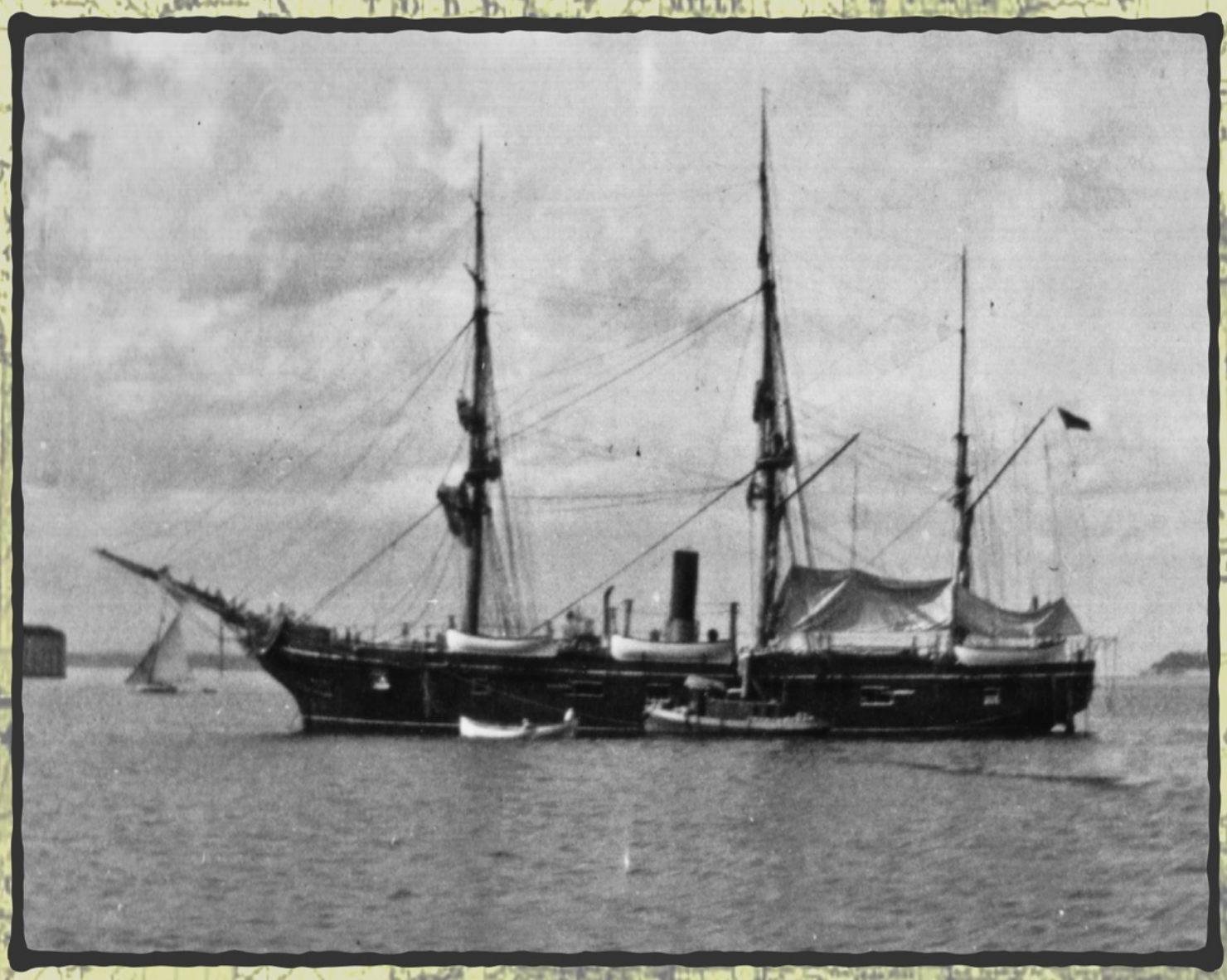
CLEAN WATER LAND & LEGACY AMENDMENT

Log Book 31 of the USS Essex

May 26, 1892 - December 5, 1892

The Day-to-Day Operations of Shipbuilder Donald McKay's Last Ship



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USS *Essex* Log Book 31

Finding Aid

Adams class ship USS *Essex* (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS *Essex* could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS *Essex* log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the *Essex* as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the *Essex* that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and job), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the *Essex* in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the *Essex*, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The digitization and editing of the USS *Essex* log books were made possible with funding provided by the Minnesota Historical and Cultural Heritage Grant

program, part of the Arts and Cultural Heritage Fund of the Clean Water, Land and Legacy Amendment.

Log Book 31 of the USS *Essex*: May 26, 1892-December 5, 1892

The National Archives houses USS *Essex* Log Book 31. Throughout Log Book 31, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and *vice-versa*
- when under steam the different watches record the average steam boiler pressure and engine revolutions
- lowering of smokestack and proceeded under sail and *vice-versa* when the *Essex* was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- crew conducting ship maintenance: general ship cleaning, bilge cleaning and checking pumps, scraping and painting - and sometimes tarring and caulking- the ship's hull and infrastructure, caulking the decks, iron work maintenance/repair, rigging repair/replacement, tarring down rigging, repairing sails, steam cutter maintenance/repair, steam/sail launch maintenance/repair, awning repair/ replacement
- crew conducting drills: furling and unfurling sails, target practice with the main battery (great guns), floating target practice, boat drills - all hands called to arms and away all boats for naval tactics under sail and oars, on shore target practice, general quarters drills, small arms drills, torpedo drills, Gatling gun drills, battalion drills, rifle drills
- cadet/apprentice drills: wig-wag sinaling drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)

- crew quarters inspection
- liberty parties sent ashore
- crew members are discharged at their own request (DOR)
- lists of new crew members - recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- crew reporting the expiration of their contracted naval service
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- weekly Sunday services; after the services, once a month, the Articles for Better Government of the Navy were read to the crew

NOTE: The *Essex* deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Book 31, in late May 1892, the USS *Essex* was anchored in Montevideo, Uruguay, under Commander W. W. Mead. USS *Essex* was assigned to the US South Atlantic Station. On May 26, an officer from the Uruguayan gunboat *General Rivera* visited *Essex* to thank the men for dressing the ship the previous day. Brazilian monitor *Bahia* and transport *Itacolomi* anchored; *Bahia* fired a 21-gun salute with the Uruguayan flag at the fore. Protected cruiser HMS *Sirius* and steel gunboat USS *Bennington* exchanged salutes with *Bahia*. The Commanding Officer of HMS *Sirius* visited *Essex*, a crewman was sent to the British Hospital on shore, and the ship exchanged signals with USS *Bennington*. *Essex* received four headstones on board to be placed at the graves of American sailors buried at Maldonado; the ship signaled this information to USS *Bennington*. On May 30, Argentine protected cruiser *Patagonia* left Montevideo and *Essex* left the harbor later. She anchored to the southeast of Montevideo, off the Uruguayan shore. The next day, the *Essex* crew exercised at the great guns.

On June 2, *Essex* conducted a Battalion drill and then got underway for great gun practice with a at floating target. The ship traveled east and anchored in Maldonado, Uruguay. Over the next four days, liberty parties were sent ashore to Maldonado and small arms practice was conducted on Isla Gorriti and had a general quarters drill. On June 7, a work party was sent ashore to Isla Gorriti to place headstones on graves of USS *Essex* and USS *Pensacola* crewmen. Two days later, the crew rigged steam the launch for torpedo practice and fired one exercise torpedo and between June 10-14, the crew were busy with training and maintenance of the ship. On June 15, *Essex* got underway and conducted small arms practice against a floating target and anchored in Montevideo. Mid-month, the Engineering Crew kept one boiler lit for heating purposes. On June 18, Commander Mead visited steel sloop HMS *Beagle* and an officer boarded American brigantine *Daisy*. On June 20, *Essex* was dressed with the English ensign at the main in honor of Queen Victoria's accession to the throne and pleasantries were

exchanged with HMS *Sirius*, HMS *Beagle*, and HMS *Basilisk*. On June 23, the steam launch engine was taken below decks for repairs. During the last days of June, courtesies were exchanged with Italian steel gunboat *Sebastiano Veniero* before she went into drydock*,* Uruguayan gunboat *General Artigas* and HMS *Sirius* left the harbor, and HMS *Magpie* anchored. *Essex* complied with a request from HMS *Beagle* to dress the ship with a British flag at the main to commemorate Queen Victoria's coronation celebration. The Commanding Office of HMS *Basilisk* came aboard and paid a farewell visit prior to their cruise to the north. HMS *Basilisk* and HMS *Beagle* left Montevideo and *Essex* shifted her anchorage due to the proximity of a collier that had anchored too close.

In early July, a ship's officer informed the Captain of the Port and the foreign men-of-war in the Bay of Montevideo that *Essex* will be dressed to celebrate Independence Day.The *General Artigas* anchored, and *Sebastiano Veniero* and Uruguayan gunboat *General Rivera* exited the drydock. The crew dressed *Essex* at sunrise - the other ships followed suit - and stores were transferred to USS *Bennington*. The next day, an *Essex* officer met with the foreign men-of-war in port and thanked them for dressing their ships for July 4th and HMS *Magpie* anchored in the harbor. Commander Mead sent a letter to steel gunboat *Sebastiano Veniero* and she left Montevideo the next day. Similarly, USS *Bennington* anchored and signaled Commander Mead to come aboard; the next day, the ships exchanged signals again and *Bennington* left the harbor. On July 11, a crewman fell overboard and was promptly rescued by coxswainPeter Nagel, who was in charge of the steam launch. Another crewman was discharged from *Essex* and the service due to causes that existed prior to his enlistment.

In mid-July, the crew scraped the ship's iron work and then painted it with red leaded paint. A few crewmen are sent to the British Hospital ashore and they return within a week, and five crewmen were transferred to USRS *Minnesota*. Essex* exchanged courtesies with Chilean protected cruiser *Presidente Pinto* and Uruguayan ship *General Lavalleja*. On July 13, Commander Mead learned of the loss of the Argentine torpedo gunboat *Rosales* four days previously; he sent an offer of assistance to the Argentine Legation, but his offer declined by Argentine Minister. Argentine torpedo boat *Espora* anchored and an *Essex* officer visited her; she then left the harbor. On July 18, *Essex* was dressed with the Uruguayan flag at the main. On July 19, *Essex* left Montevideo and anchored in the River Plate. After the American barque *Alice Reade* passed by the next day, *Essex* entered the docks of Buenos Aires, Argentina and moored. She exchanged visits with Argentine torpedo boat *Espora*, Spanish unprotected cruiser *Cristobal Colon*, and Italian steel gunboat *Andrea Provana*. On July 21, Argentine torpedo boat *Murotore* exited the dock and the next day, Commander Mead paid an official visit to the US Minister. *Essex* exchanged courtesies with the Chilean protected cruiser *Presidente Pinto* and Argentine *Espora*. Near the end of July, the crew was busy maintaining and cleaning the ship, and repairing the 1st cutter.

In early August 1892, pleasantries were exchanged with gunboat *Cristobal Colon*. On August 4 prisoner crewman Patrick Noon, awaiting a Court Martial in single irons under a sentry's charge, escaped from the *Essex*. He got ashore by walking along the forward

spur shore (a spar that projects from the dock to keep ships from rubbing against it, acting like a bumper) like it was a tightrope. His guard, Private Nolan, was placed under another sentry's charge awaiting investigation and a reward was offered for Noon's return. The next day, Private Nolan was placed in double irons to await trial by Summary Court Martial (the Summary Court Martial ruling was read to the crew on August 12). On August 7 the ship was dressed with the Argentine flag at the main and over the next three days, a crewman returned from the hospital in Montevideo and landsman Daniel Parker was transferred to the Municipal Asylum because of 'insanity'. On August 10, Commander Mead and two officers attended, by invitation, the ceremony of transferring the repatriated remains of Chilean General Juan Martinez de Rozas (Rozas died in 1813) from the train station to the *Presidente Pinto*. *Presidente Pinto* left Buenos Aires five days later, bound for Chile. Commander Mead exchanged courtesies with the French and Italian Ministers, and the Argentine steel dispatch boat *Azopardo*. When *Azopardo* left the dock she dipped her colors as she passed; *Essex*, *Cristobal Colon*, and *Andrea Provana* answered in kind. On August 22, the ship's apprentices practiced with wig-wag system and later in the month, *Sebastiano Veniero* moored to the dock and pleasantries were exchanged. On August 29, an officer from the mail steamer *Hornby Grange* came aboard to obtain medical aid for a man who had fallen overboard. *Essex's* medical officer left to render professional services. At the end of the month, *Azopardo* moored at Buenos Aires and visits were exchanged with *Andrea Provana* and *Sebastiano Veniero*.

On September 1, 1892, the Italian Minister to Argentina visited *Essex* and five days later, she was half-masted in memory of Argentine Admiral Cordero, who died on September 4, and some officers attended the funeral. Between September 10-12, gunboat USS *Yantic* arrived at Buenos Aires, and a man claiming to be landsman John Keegan, a deserter from *Yantic*, came on board and gave himself up. He as put under the sentry's charge until transferred to *Yantic*. *Essex* exchanged visits with Italian steel gunboat *Sebastiano Veniero*, and *Essex* left her moorings and passed out of Buenos Aires through the canal. She exchanged signals with *Yantic*, crossed the River Plate, and anchored near Colonia. The crew exercised with the great guns and conducted small arms practice. On September 13, the ship entered Colonia Harbor and anchored. The next day, the crew fired an exercise torpedo from the steam launch and the US Consul visited the ship. On September 15, Commander Mead paid official visits to the Governor, Captain of the Port, and the US Consul.

For the next 10 days, the crew conducted exercises. They fired the 3-inch Breech Loading Rifle from the sailing launch and fired the Gatling gun from steam launch. A gale blew through Colonia Harbor for two days; the Engineering Gang turned the engine over to relieve strain on the anchor cables and a coal hulk broke loose during the high winds and was driven aground. Two days later, *Essex's* 2nd Company returned from their target practice early since they disabled the steam launch by running onto a reef. USS *Yantic* came to anchor and signals were exchanged; the Commanding Officer of *Yantic* visited *Essex*. The Carpenter's Gang repaired the steam launch and 2nd Company resumed their target practice. *Essex* half-masted her colors following the motions of the colors at the Government House in Colonia and Commander Mead

visited *Yantic*. On September 25, *Essex* hove up her anchors and found them badly fouled; the crew re-set them. *Essex* hauled down her 'Senior Officer Present' pennant; when Commander Mead left the ship for 3 days leave; the pennant was raised again on September 28. The ship's companies engaged in small arms practice ashore and kept busy performing maintenance. They scraped the sides and tarred down the ship - the boats were lowered to get them out of the way - and the Sailmaker was engaged in repairing the fore topsail. On September 29, the crew observed a distant fire on shore and a Uruguayan gunboat landed a small battalion of soldiers the next day.

For the first week of October 1892, *Essex* and Yantic exchanged routine signals and the two ship's battalions drilled together on land. On October 7, *Essex* got underway for Ensenada, Argentina, crossed the River Plate, and later that day she entered the city under the tow of a tug. Visits were exchanged with the Captain of the Port and some ship's officers went on leave for a few days. In mid-October, a crewman was sent to *Yantic* and then home on the recommendation of the Board of Survey. The ship shifted her position at the dock to make room for a steamer astern. During the move, a crewman's foot was badly bruised when it was caught in the steam chain as it rendered around the bit. On October 17, new tackle, rigging, and halliards were installed around *Essex* and the next day, the ship was unmoored, headed into the River Plate, and anchored overnight. In the morning, she got underway to Montevideo and anchored in the bay. Visits and pleasantries were exchanged between *Essex*, *Andrea Provana*, *Cristobal Colon*, the US Consulate, gunboat HMS *Magpie*, and steel sloop HMS *Basilisk*. On October 22, *Essex* half-masted her colors in memory of the death of General Lavalleja at the request of the Uruguayan Navy. Visits were exchanged with the Italian cruiser *Dogali*, protected cruiser HMS *Sirius*, and sloop-of-war USS *Alliance* (22 days from New York and a sister ship to *Essex*). The *Dogaili* hoisted the quarantine flag for a day and stormy weather caused *Essex's* 1st cutter to return to shore for shelter. *Essex's* anchors required resetting and HMS *Basilisk* left the drydock. During the last two days of October, *Andrea Provana* left for Maldonado, HMS *Sirius* fired 7-guns when the English Minister left Montevideo. The crew conducted drills; all the boats were called away for fleet exercises under oars.

During the first week of November 1892, the American wrecking tug *J.D. Jones* received a pratique (permission given to deal with the port after a clean bill of health) and entered the inner harbor of Montevideo; HMS *Sirius* and HMS Basilisk left the harbor. The crew painted the running rigging and a rough harbor sea unshipped the upper platform of the starboard gangway and carried it overboard; Commander Mead ordered the 2nd cutter away to drag for it. On November 7, *J.D. Jones* left the harbor, en route to the Straits of Magellan to raise the sunken German steamer *Artesian*, and an American barkentine anchored and hoisted the quarantine flag. *Essex* exchanged visits with USS *Yantic*, Italian cruiser *Dogali*, American barkentine *Hattie G. Dixon*, and American steamer *State of Maine*, while the *Dogali* and *Cristobal* Colon left Montevideo. The crew hoisted the steam cutter for repairs, the Blacksmith made ironwork for the starboard gangway, and two caulkers from *Yantic* assisted the Carpenter's Gang in caulking the ship's deck. *Essex* exchanged courtesies with HMS *Sirius*, HMS *Magpie*, and *Andrea Provana*.

On November 20, *Essex* dressed for the birthday of the Queen of Italy while a very fresh minute-long squall blew through. *Essex* also transferred crewman to the British Hospital on shore. The next day, two carpenters from *Yantic* came aboard to assist in making a new platform for accommodation ladder, HMS *Magpie* left the bay, and *Andrea Provana* expressed thanks to the ship for dressing yesterday, before she headed upriver. Two days later, an *Essex* officer boarded the American barque *Nellie Brett*, and the Sailmaker repaired on the forecastle awning. On November 26, a moderate to strong gale caused the ship to drag so the crew dropped the port anchor. *Essex* made preparations to move since the ship was too closed to the bark *China,* and in danger of fouling her; she shifted her anchorage to the south and dropped both anchors. During the last few days of November, the crew engaged in Division Artillery, Division Infantry, and Pioneers practice, and they sent out the boats to practice under sail. During the 'making and furling sail' exercises, a crewman on the fore yard was struck on the head by the port fore topsail reef tackle-block and received a severe contusion of the scalp. Commander Mead visited the US Minister in Montevideo. USLHT *Columbine*, Commanded by Lt. Commander Clifford West, came to anchor in the bay. *Columbine* was in passage from New York to San Francisco and Commander West paid an official visit to *Essex*.

On December 1, 1892, Commander Mead visited USLHT *Columbine* and HMS *Sirius* fired a-13 gun salute with the British flag at the fore. The Uruguayan gunboat *General Artigas* and the wrecking tug *J.D. Jones* anchored in the Bay of Montevideo. On December 5, USS *Yantic* made signals and left the harbor.

*USRS *Minnesota* was a receiving ship at the Brooklyn Navy Yard at this time; it is unknown how the crewmen were transported to New York.

Tags:
American Ships: sloop-of-war USS *Alliance*, steel gunboat USS *Bennington*, US Lighthouse Tender *Columbine*, brigantine *Daisy*, sloop-of-war USS *Essex*, barkentine *Hattie G. Dixon*, wrecking tug *J. D. Jones*, frigate US Receiving Ship *Minnesota*, barque *Nellie Brett*, steamer *State of Maine*, gunboat USS *Yantic*

Argentine Ships: steel dispatch boat *Azopardo*, torpedo gunboat *Espora*, torpedo boat *Murotore*, protected cruiser *Patagonia*, torpedo gunboat *Rosales*

Brazilian Ships: monitor *Bahia*, transport *Itacolomi*

British Ships: steel sloop *Basilisk*, steel sloop HMS *Beagle*, mail steamer *Hornby Grange*, gunboat HMS *Magpie,* protected cruiser HMS *Sirius*

Chilean Ship: protected cruiser *Presidente Pinto*

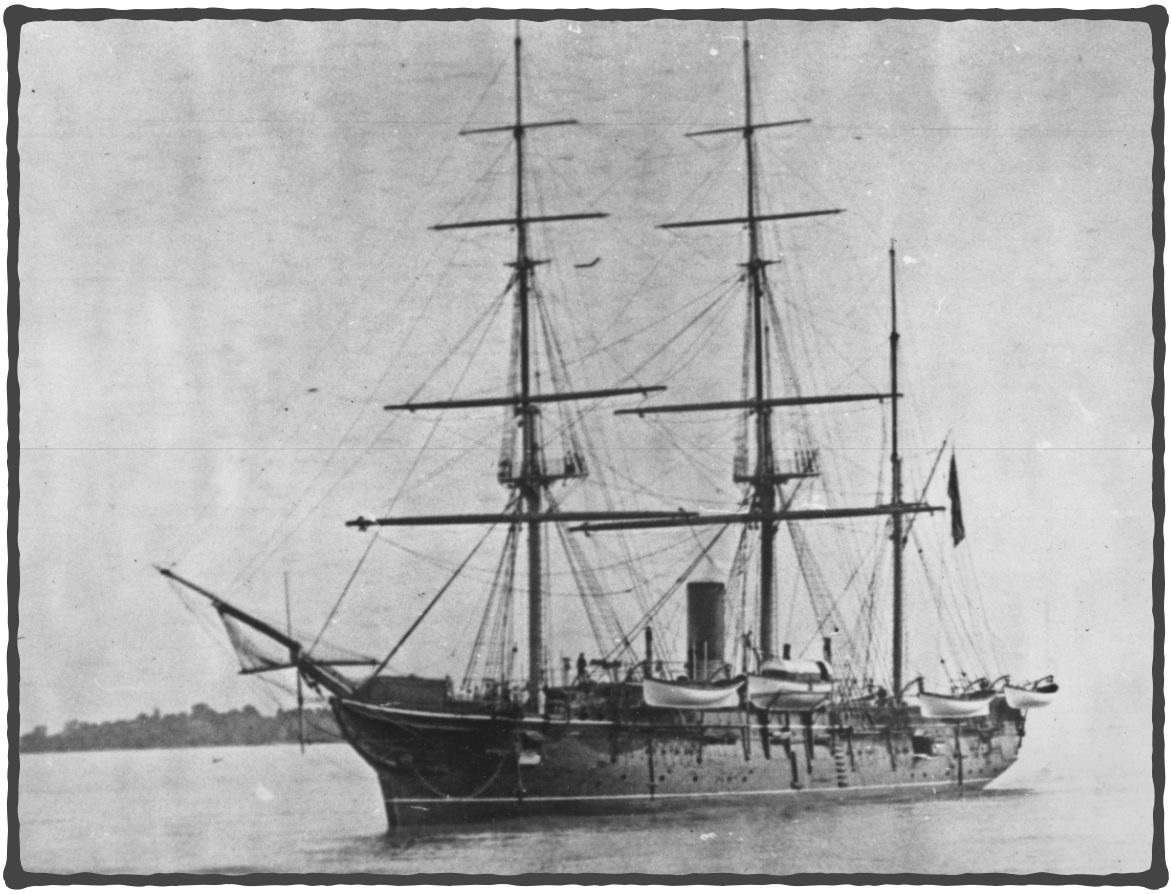
German Ship: steamer *Artesian*

Italian Ships: steel gunboat *Andrea Provana*, cruiser *Dogali*, steel gunboat *Sebastiano Veniero*

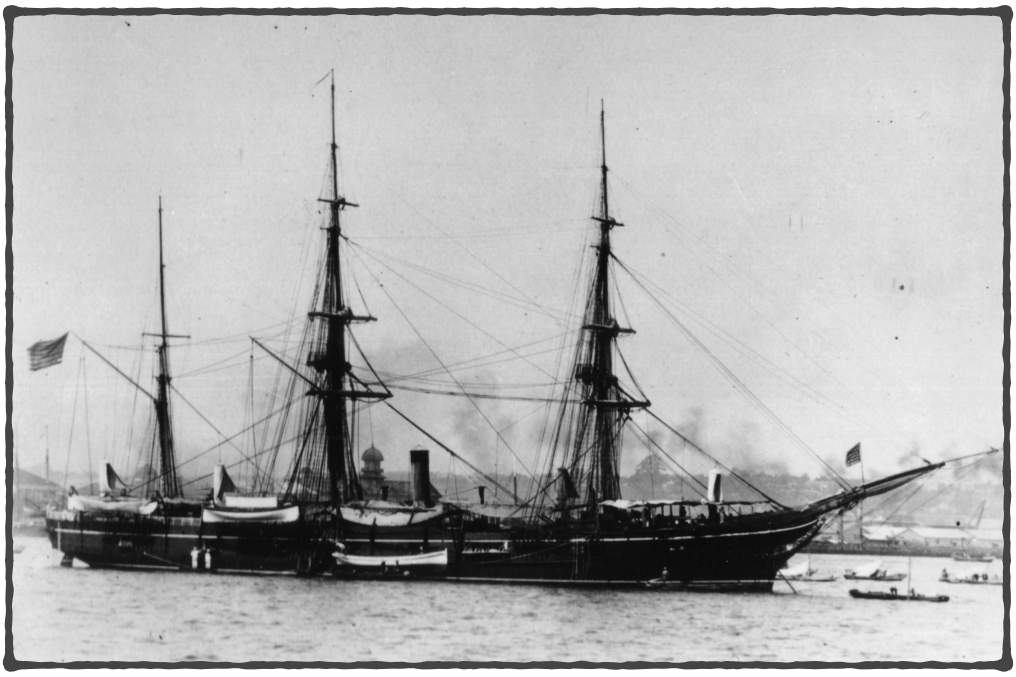
Spanish Ship: unprotected cruiser *Cristobal Colon*

Uruguayan Ships: gunboat *General Artigas*, Uruguayan ship *General Lavalleja*, gunboat *General Rivera*

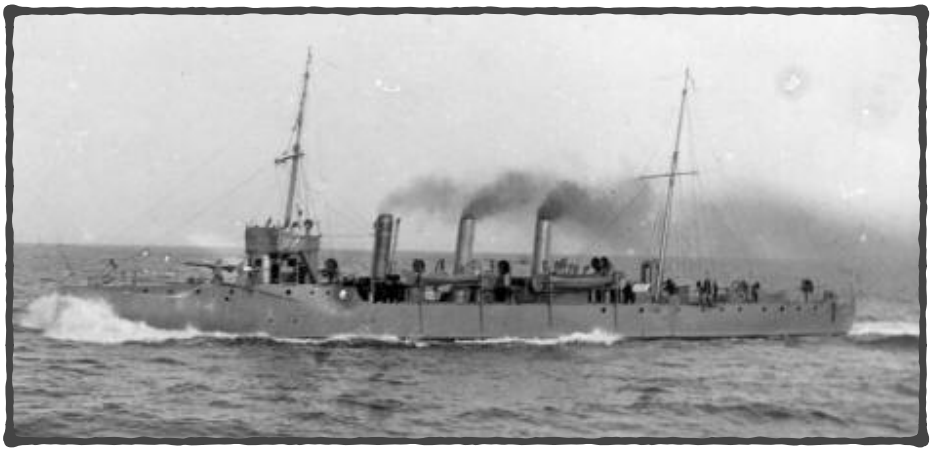
Unknown Country: bark *China*



USS *Essex*

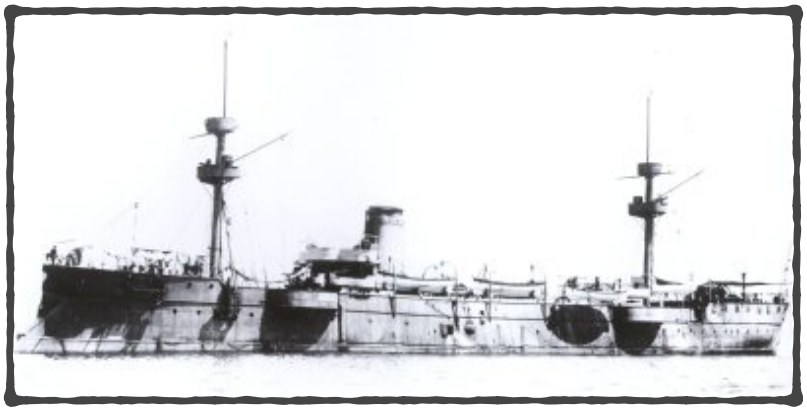


USS *Alliance*



Espora

Presidente Pinto



LOG BOOK

OF THE

U. S. S. Essex.

3rd., Rate,

of Six Guns,

COMMANDED BY

Commander W. W. Mead, U. S. Navy,

Attached to South Atlantic Squadron,

Commencing May 26th, 1892,

at Montevideo Uruguay,

and ending December 5th, 1892,

at Montevideo, Uruguay.

BUREAU OF EQUIPMENT AND RECRUITING
NAVY DEPARTMENT.
1890.

4-265

LIST OF OFFICERS

Attached to and on board of the U. S. S. Essex, 3rd Rate, commanded by W. Head, Commander, U. S. N., during the period covered by this Log-Book, from Thursday, May 26th, 1892, to Monday, December 5, 1892.

NAME.	RANK.	NAME.	RANK.
W. Head.	Commander U.S.N.	A. S. Ross.	Chief Engineer U.S.N.
L. S. Beecher.	Lieutenant U.S.N.	W. W. Barry.	Paymaster U.S.N.
C. S. Curtis.	Lieutenant U.S.N.	O. Diehl.	Passed Asst. Surgeon U.S.N.
G. W. Holman.	Lieutenant U.S.N.	J. C. Haines.	1st Lieutenant U.S.M.C.
F. A. Wilner.	Lieutenant U.S.N.	W. McKeester.	Asst. Engineer U.S.N.
J. T. Newton.	Lieutenant U.S.N.	W. W. Dean.	Pay Clerk U.S.N.
W. S. N. Field.	Ensign U.S.N.		
C. W. Stone.	Ensign U.S.N.		
W. C. Hulme.	Ensign U.S.N.		

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U. S. S. Essex, 3rd Rate.

commanded by W. W. Mead, Commander, U. S. N., during the period covered by this

Log-Book, from Thursday, May 26th, 1892, to Monday, December 5, 1892.

NAME.	RANK.	TIME OF OCCURRENCE AND PARTICULARS.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. Essex, 3rd. Rate, at first commissioning April 22nd. 1890. At Navy Yard, New York

NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.
1	Chief Boatswain's Mate,	1
2	Boatswain's Mate,	2
	Seamen Gunners,	
1	Chief Gunner's Mate,	1
	Gunner's Mates,	
1	Chief Quartermaster,	1
3	Quartermasters,	3
6	Coxswains,	6
2	Captains of Forecastle,	2
4	Captains of Tops,	4
2	Captains of Afterguard,	2
3	Quarter-Gunners,	3
1	Carpenter's Mates,	1
1	Sailmaker's Mates,	1
1	Armorer,	1
1	Captains of Hold,	1
1	Ship's Cook,	1
1	Ship's Corporals,	1
1	Lamp-lighter,	1
2	Carpenters and Calkers,	2
1	Baymen,	1
1	Master-at-Arms,	1
1	Apothecary,	1
1	Ship's Yeoman,	1
1	Paymaster's Yeoman,	1
1	Engineer's Yeoman,	1
	Schoolmaster,	
1	Ship's Writer,	1
	Ship's Tailor,	
1	Ship's Barber,	1
1	Painter,	1
1	Bugler,	1
1	Jack of the Dust,	1
1	Blacksmith,	1
	Marine Guard.	
1	Orderly Sergeant.	1
1	Sergeant	1
2	Corporals	2
2	Musicians	2
20	Privates	19

NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.
1	Cabin Steward,	1
1	Cabin Cook,	1
1	Ward-room Steward,	1
1	Ward-room Cook,	1
1	Steerage Stewards,	1
1	Steerage Cooks,	1
	Warrant Officer's Steward,	
	Warrant Officer's Cook,	
12	Seamen,	12
10	Ordinary Seamen,	10
14	Landsmen,	13
	Boys,	2
20	Apprentices,	14
3	Machinists,	3
1	Boiler Makers,	1
3	Water Tenders,	3
3	Oilers,	3
1	First-class Firemen,	1
6	Second-class Firemen,	6
12	Coal Heavers,	12
165	TOTAL,	157

ADDITIONAL FOR FLAGSHIP.

	Master of the Band,	
	Chief Musician,	
	First-class Musicians,	
	Second-class Musicians,	
	Printer,	
	Steward to Commander-in-chief,	
	Cook to	do.
	Coxswain to	do.
	Seamen to	do.
	Ordinary Seamen to	do.
	Landsmen to	do.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

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U. S. S. Essex, 3rd Rate.

Description of Instruments used for Meteorological Observations, their Location, &c.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.	W. J. Green.	3298.	Cabin.	May 1890.	Standard. Navy Yard. New York.	-.02.
ANEROID BAROMETER.	Holosteric.		Cabin.			
THERMOMETER, (Dry Bulb.)	Standard. Standard Thermometer Comp. Peabody, Mass.		Cabin.			
THERMOMETER, (Wet Bulb.) (Psychrometer.)	W. J. Green.	5103.	On cabin bulkhead under break of poop deck.			

Examined and found to be correct.

E. K. Curtis Lieutenant, U.S.N.

Navigator.

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ARMAMENT

Of the U. S. S. Essex, 3rd Rate.

PRIMARY.

NO. OF GUNS.	CAL.	MARK.	DESCRIPTION.	CARTRIDGE.		PROJECTILES.		CARRIAGES.	REMARKS.
				POWDER.	WEIGHT.	KIND.	WEIGHT.		
1	Sm. Bore	M.L.R. 1877. S.J.H. S.H.R.	Converted.	Dupont Spherec Indurated	32¾ 20½ 30	Shell Canister	80 66 1686.	Pivot.	
1	6 Pdr. B.L.	B.L.R. 1864. R.S.H.	Converted.	Laflin & Rand	5.	Shot Shell	55. 48.	R. Bar.	
14.	IX in.	S.B. 1864. S.M.B.	S.B.	Dupont Cannon	15 and 13.	Shot Shell Shrapnel Grape.	90. 735 75. 74.1	Broadside.	

SECONDARY.

1.	3in B.L.R.	M.L.R. 1877. S.H.R.	Steel.	Dupont Cannon	¾ lb.	Shell Shrapnel	7 7	Boat and Field.	
1.	3in B.L.R.	M.L.R. 1880 S.H.R.	Steel.	Dupont Cannon	¾	Shell Shrapnel	7 7	Boat and Field.	
1.	2 Pdr Light	M.L.R. 1870 S.M.R.	Bronze.	Dupont Cannon	.625	Shell Shrapnel Canister.	12. 12. 1.75	Boat and Field.	
1.	Gatling	Colts 1880	45 Calibre Rifle		70 grs.		405 grs.	Boat and Field.	
1.	Gatling	Colts. 1874	45 Calibre Long		70 grs		405 grs	Field & Boat mount.	

BOAT ARMAMENT.

Secondary Battery.

SMALL ARMS.

85 Rifles Hotchkiss, No 2 Model; 2 Rifles, Cal. 22; 65 Revolvers, Colts D.A. Calibre 38.
70 Cutlasses ; 22 Battle Axes.

Examined and found to be correct.

C. H. Lewis
Lieut. Navigator.

TABLES of Deviation of the Standard Compass No. 6 J on board the U. S. S. Essex, 3rd Rate.

DATE:	Feb. 22d 1891.
PLACE OF OBSERVATION:	Mouth Rio de la Plata
LATITUDE:	S. 35°-01'
LONGITUDE:	W. 56, -10'
OBSERVED VARIATION:	6°. - 35. E.

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
NORTH.	E. 0°, 0'.					
N. by E.	0, 41.					
N. N. E.	1, 15.					
N. E. by N.	1. 20.					
N. E.	1, 25.					
N. E. by E.	1, 30.					
E. N. E.	1, 36.					
E. by N.	1, 42.					
EAST.	1, 15.					
E. by S.	1, 04.					
E. S. E.	0, 53.					
S. E. by E.	0, 36.					
S. E.	0, 04.					
S. E. by S.	W. 0, 13.					
S. S. E.	W. 0, 30.					
S. by E.	0, 35.					
SOUTH.	0, 41.					
S. by W.	0, 04.					
S. S. W.	E. 0, 33.					
S. W. by S.	0, 37.					
S. W.	0, 41.					
S. W. by W.	0, 32.					
W, S. W.	0, 23.					
W. by S.	0, 14.					
WEST.	W. 0, 30.					
W. by N.	0, 48.					
W. N. W.	1, 05.					
N. W. by W.	1, 32.					
N. W.	1, 57.					
N. W. by N.	1, 19.					
N. N. W.	0, 40.					
N. by W.	0, 17.					

Examined and found to be correct.

Le. K. Lewis
Lieut., *Navigator.*

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				N.W by N.	N.N.W.	3			30-36	71	49			b	none	0	
1				"	"	3			30-36	70	49			b.c.	cir. cum	9	
2				"	"	3			30-36	70	48			"	"	9	
3				"	"	3			30-36	70	49			"	"	9	
4				"	"	3			30-36	70	49			"	"	9	
5				"	"	3			30-36	70	49			"	"	9	
6				N.N.W.	"	3			30-37	70	48			"	"	9	
7				N by E.	"	4			30-37	68	49			"	cir. cum/Str	4	
8				NE by N.	"	4			30-37	69	49			"	"	3	
9				N.E.	"	3			30-38	70	53			"	"	5	
10				S by E.	"	3			30-38	65	57			b.c.w	"	4	
11				N.W.	N.W.	4			30-37	62	58			"	"	4	
Noon.				"	"	3			30-36	69	61			"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 355 gallons.

Water distilled during the preceding 24 hours, 272 "

Water remaining on hand fit for use at Noon, 328 "

Coal consumed during the preceding 24 hours, tons 44 lbs.

Coal remaining on hand at Noon, 127 " 1660 .

P. M.																	
1				N.W.	N.W.	2			30-32	71	64	63		b.c.w.	cir. str.	6	
2				"	W.N.W.	2			30-31	69	60	57		"	"	6	
3				West.	"	2			30-30	67	62	57		"	"	5	
4				"	"	1			30-29	69	62	58		"	"	7	
5				N.W.	N.W.	2			30-29	70	62	57		"	"	7	
6				N.W. by N.	N.N.W.	2			30-29	71	61	57		"	cir. cum	8	
7				"	"	2			30-29	71	60	56		b	none	10	
8				S by E.	"	2			30-29	69	59	56		"	"	10	
9				E by E.	"	1			30-29	70	57	54		"	"	10	
10				SE	"	2			30-28	69	56	53		"	"	10	
11				E by S.	"	2			30-27	65	55	51		"	"	10	
Mid.				N.N.W.	"	2			30-27	65	53	50		"	"	10	

under the command of W. W. Head, Commander, U. S. Navy,
Thursday, May 26th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 A.M.
Clear and pleasant, gentle breezes from N. W.

C. McVay
Ensign U.S.N.

4 to 8 A.M.
Clear then fair and cold: gentle to moderate breeze from N. N. W.; Made Sail, 5.45.5, and Loosed sail. Liberty party returned.

W. Ray Brown Jr.
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy and pleasant - barometer steady - gentle to moderate breeze from N. W. & W. - At 9.30 went to General Quarters, times as follows, viz; 1st Division ready, 2 minutes 10 seconds; - 2d Division, 1 minute 30 seconds; - 3rd Division, 1 minute 15 seconds; - Navigators Division, 1 minute 15 seconds; - Powder Division 2 minutes 05 seconds; - Engineers Division, 45 seconds; - Marine Guard, 1 minute Pay Dept. 55 seconds. Surgeons ready 35 seconds. - The Commanding Officer adjudged the following punishments, viz; Wright T. Seaman 3d. 32 hours overtime reduced 2d. Class 1 month; - Cunningham J. M. Ord. Seaman from liberty, 2d. class, 1 month; - Brien J. Private U.S.M.C. Disobedience of orders of non-commissioned officer, - confinent for 5 days, bread and water. - Officer from Uruguay gunboat General Rivera came on board to return thanks for dressing Ship yesterday - Tested flood cocks of the Shellroom & magazine, - found them in good working order - also the life buoys. Commenced distilling. - At 11. made Sat. 4826 - Furled sail.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Fair. Light airs and breezes from N. W. & N. N. W. The Brazilian Man of war Bahia and transport Macedonia came in to the harbor and anchored. H. M. S. Sirius, & U.S.S. Bennington exchanged salutes with the Bahia. Exercised 3rd. Division and Reserve at small arms. The Commanding Officer of H.M.S. Sirius, called on board. Sent liberty party as usual. Received in the Engineers Department, 3 bbls Lime, 1 gallon Turpentine, 1 quart Black Ink, 6 sheets Blotting Paper, 2 sheets Drawing Paper, 1 quart Mucilage, 75 lbs Fresh water soap. Received in the Equipment Dept. 2 bbls Lime & 1 Boat Anchor in Construction, 2 sheets Copper, 1 lb. Ultramarine Blue, 200 lbs Lamp Black, 300 lbs White Lead, 200 lbs White Zinc, 2 gals Alcohol, 2 gals Japan Dryers.

C. McVay
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer steady - light breeze from N. W. & N. N. W. Brazilian monitor Bahia fired 21 guns - Uruguay flag hoisted. - Ours replied. Transferred Private John B. Lail U.S.M.C., to the British hospital. Distilling.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Fair and pleasant Light airs & breezes from N. N. W.

Examined and found to be correct.

C. McVay
Ensign U.S.N.

L. V. K. Navigator.
Lieut.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.W.	N.N.W.	3			30-25	69	54	50		hze	none	10	
2				N.W.	"	3			30-24	68	53	49		"	"	10	
3				"	"	3			30-22	68	52	49		"	"	10	
4				"	"	3			30-21	69	52	49		"	"	10	
5				N.W. by W.	"	3			30-21	68	52	49		"	"	10	
6				N.W. by N.	North.	3			30-21	67	51	49		hz	cir. cumu.	6	
7				North.	"	3			30-21	67	51	49		"	cir. cumu. st	4	
8				East	"	3			30-21	63	52	49		"	"	3	
9				S.by E.	"	3			30-21	67	55	52		"	"	2	
10				E.S.E.	"	3			30-22	71	60	57		"	"	2	
11				East.	"	3			30-20	70	62	59		"	"	3	
Noon.				E. by S.	N.N.W.	3			30-19	70	63	61		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: { Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M. { Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. { Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 376 gallons.

Water distilled during the preceding 24 hours, 2248 "

Water remaining on hand fit for use at Noon, 3200 "

Coal consumed during the preceding 24 hours, 1 tons 1770 lbs.

Coal remaining on hand at Noon, 125 " 2130

P. M.																	
1				N.S.W.	N.N.W.	3			30-14	70	66	63		hz.	cir. cumu. str.	5	
2				N.W.	N.W.	3			30-13	72	68	62		"	"	5	
3				"	"	2			30-11	72	69	62		"	"	4	
4				"	"	2			30-10	72	67	63		"	"	6	
5				"	North.	1			30-10	73	67	62		"	"	5	
6				West.	"	1			30-10	81	65	61		"	"	5	
7				W. by N.	"	1			30-10	81	64	61		"	"	8	
8				South	"	1			30-10	81	64	60		"	"	9	
9				S.S.E.	N.N.W.	2			30-11	79	65	60		"	"	8	
10				East	"	3			30-11	78	65	60		"	cir. cumu.	8	
11				N.E.	"	3			30-11	78	64	60		"	"	8	
Mid.				N.N.W.	"	3			30-11	77	62	58		"	"	8	

under the command of W. Mead. Commander, U. S. Navy,
Friday, May 27th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Gentle & A.M.
Clear. Gentle N.N.W. breeze. Distilling.
W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. clouding over latter part. Barometer steady. Gentle breeze from N.N.W. and N. Received in Pay Department 116¼ lbs fresh beef. 116¼ lbs vegetables. 93 lbs. soft bread.

A. J. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy. Gentle breeze from North and N.N.W. At 9.30 mustered at quarters and exercised companies at infantry. Made signals as follows, at 9.00 Numeral 0, - at 10.00 Numeral 2, and at 12. Numeral 126. - Stopped distilling.

C.M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Fair. Gentle to light breeze from N.N.W. to N.W. At 1.30 exercised Marine Guard and Pioneers at infantry instruction. At 3.30 U.S.S. Bennington made 2984. Sent ashes ashore in lighter.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Fair. Light airs from North. At 4.30 made signal interrog. 6143. Bennington ans'd. affirmative. Sent down to gallant yards and bent light sails. Received in Pay Dept, 5 bags of Molasses in Equipment Dept, ½ Cord wood, 142 lbs 2 in Manilla Rope and 20 lbs. 2¼ in Hemp Rope.

C.M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear. Light to gentle N.N.W. breeze

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

4-865

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.W.	N.N.W.	2			30-10	77	61	57		hc.	cir. cum.	9	
2				"	"	2			30-10	76	59	56		"	"	9	
3				"	"	2			30-10	75	60	57		"	"	9	
4				"	"	2			30-10	75	59	57		"	"	9	
5				N.W. by N.	"	2			30-10	75	58	57		"	"	9	
6				"	"	2			30-09	69	58	57		"	"	9	
7				N.W.	"	1			30-08	60	58	57		h.c. m.	cir. cum. str.	4	
8				N.W. by W.	"	2			30-08	66	59	58		"	"	2	
9				"	"	3			30-08	65	60	58		"	"	2	
10				E.S.E.	"	3			30-09	67	62	60		"	"	4	
11				"	"	3			30-08	72	65	63		"	"	4	
Noon.				"	"	3			30-07	74	69	66		"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 394 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2806 "

Coal consumed during the preceding 24 hours, 1 tons 60 lbs.

Coal remaining on hand at Noon, 124 " 2070.

P. M.																	
1				S.W.	N.N.W.	3			30-02	74	68	65		h.c. g	cir. cum.	3	
2				"	West	3			30-00	74	68	65		hc.	"	3	
3				South	S.S.E.	3			29-99	74	66	63		"	cir. cum. nim.	3	
4				"	"	3			29-97	73	64	62		"	"	3	
5				S.S.W.	Calm.	0			29-96	74	65	62		h.c. m.	"	3	
6				S.W.	"	1			29-96	80	65	63		"	"	2	
7				"	"	0			29-96	81	65	63		"	"	2	
8				West	"	0			29-95	76	65	62		"	"	3	
9				S.E.	E.N.E.	1			29-95	76	64	62		"	"	5	
10				E.S.E.	S.E.	1			29-94	74	64	62		"	"	7	
11				S.E.	N.N.W.	1			29-94	72	65	62		"	"	8	
Mid.				"		2			29-91	71	63	61		"	"	6	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, May 28th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Until 4 A.M.
Clear and pleasant. Light breeze from N.N.E.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant first part. Cloudy and misty last part. Light airs and breezes from N.N.W. Executed morning orders. At 7.30 made signal Interrog. 6 4 4. Bennington ansd. affirmative. Crossed bigallant yards. Bennington made uniform signals as per record.

C. M. Brown
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy. Gentle N.N.W. breze. Quarterly Board of Survey condemned as unfit for use, 2 cans Pork Sausage, - 2 cans Butter, - 1 can Roast Beef. Received in Equipment Department - 210 lbs 3½ in. Manilla Rope; in the Construction Department, 2 lbs, 4 in Copper Nails. At 9. made routine signal Numeral 0. at 10 Numeral 1 and at 12 Numeral 125.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy. Gentle breeze hauling from N.N.W. to S.S.E. The Brazilian gunboat shifted her anchorage to the Western side of the harbor. Sent a liberty party ashore. Inspected dry gun-cotton. By order of Commanding Officer, A.W. Brown, (Yard Room Steward, was discharged at his own request waiving all claims to transportation at the public expense, and Consular aid.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy and calm. Received in Equipment Department - 15 3 gals. Olive Oil.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Generally fair. Damp and hazy. Light airs to light breeze from E.N.E. to N.N.W.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES. Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				West.	N.N.W.	2			29-88	70	62	60		s.c.	cir. cum. nimb	0	
2				N.W. by N.	North.	2			29-85	70	62	60		"	"	0	
3				N.N.W.	"	3			29-82	70	61	60		s.c.l.	"	0	
4				"	"	3			29-80	70	62	60		b.c.l.	"	2	
5				"	"	3			29-74	80	61	59		b.c.l.m.	cum. nim.	2	
6				"	"	3-4			29-70	70	63	62		s.c.l.p.m.	nim.	0	
7				N.W.	N.W.	3-4			29-70	70	64	63		s.c.p.l.t.m.	"	0	
8				"	"	3-4			29-70	69	64	63		s.c.p.l.t.	"	0	
9				W.N.W.	W.N.W.	2-3			29-71	72	64	63		s.c.p.t.	"	0	
10				East.	"	1			29-71	74	64	63		s.c.f.t.g.	"	0	
11				S.E.	N.W.	2			29-68	75	66	65		"	"	0	
Noon.				"	W.N.W.	2			29-65	74	66	65		s.c.f.g.	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 365 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2441 "

Coal consumed during the preceding 24 hours, tons 970 lbs.

Coal remaining on hand at Noon, 124 " 1100

P. M.																	
1				S. by W.	W.S.W.	3-5			29-64	71	62	61		s.c.f.p.g.f.	nim. nim.	0	
2				S.S.W.	"	3			29-62	71	61	60		s.c.f.	"	0	
3				W. by S.	"	3			29-62	74	62	61		b.c.f.	"	2	
4				W.N.W.	"	3			29-62	74	61	60		"	"	2	
5				West	West	3			29-63	75	59	59		s.c.f.	nim.	0	
6				S.W. by W.	S.W.	3			29-66	76	60	59		"	"	0	
7				S.W. by S.	S.S.W.	3			29-69	75	59	58		"	"	0	
8				South.	South.	3			29-70	75	59	58		b.c.	cir. cum. nim.	4	
9				"	"	1			29-68	76	61	59		"	"	5	
10				"	W.S.W.	1			29-69	73	60	58		"	"	7	
11				S.E. by S.	"	1			29-71	66	60	59		b.w.	"	9	
Mid.				"	S.W.	2			29-71	69	59	58		b.c.f.	"	5	

under the command of W. W. Mead Commander, U. S. Navy,

Sunday, May 29th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Until 4 A.M.

Cloudy, with lightning to N.E. and N.W., last two hours. Light to gentle breeze from N.N.W. to North. - Barometer falling.

T. F. Jewell
Lieut, U.S.N.

4 to 8 A.M.

Overcast, raining, thunder and lightning. Gentle to moderate breeze from the North to N.W. Barometer falling. Received on Pay-Department 116¼ lbs, each Beef & Vegetables, and 93 lbs, Bread.

W. O. Bulmer
Ensign U.S.N.

8 A.M. to Meridian.

Overcast. Gloomy. Light airs to gentle breezes from between N.W. and N.N.W. Frequent heavy passing showers, and occasional distant thunder in the West. At 9.00 signalled Numeral 0; at 10.00 Numeral 0; and at 12.00 Numeral 125. — Received for transportation four headstones for graves of sailors buried at Maldonado.

Geo. F. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Weather generally cloudy, foggy and unsettled; occasional short intervals clear overhead. Passing showers first hour. - Gentle breeze from N.E. with light squalls first hour.

T. F. Jewell
Lieut. U.S.N.

4 o'clock to 8 P.M.

Overcast, and foggy clearing somewhat last hour. Gentle breeze from West to South. By order of the Commanding Officer D. Bailey was rated from Steerage Cook to Yeoman & Commissary. and D. Parker from Landsman to Steerage Cook, from date.

Geo. F. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Generally clear, short period foggy last hour. Light airs to light breeze from South to S.W. - Barometer unsteady.

T. F. Jewell
Lieut. U.S.N.

Examined and found to be correct.

M. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S.E.	S.W.	2			29-74	66	59	58		bw	none	10	
1				S.W.	"	2			29-74	64	59	58		"	"	10	
2				"	"	2			29-74	64	58	57		"	"	10	
3				"	"	2			29-74	64	58	57		"	"	10	
4				W. by S.	"	1			29-76	62	57	56		"	"	10	
5				"	"	1			29-75	62	57	55		bcmw	cum	8	
6				S.W.	"	1			29-75	62	56	55		bcm	"	8	
7				S by W.	S.S.W.	3			29-78	62	56	55		"	cir cum sh	8	
8				S.W. by S.	"	2			29-81	68	56	55		bc	cir cum	4	
9				S.S.W.	"	1			29-85	70	58	55		"	cir cum. ch.	4	
10				S.W. by S.	"	2			29-87	68	58	56		"	"	3	
11				S.S.E.	"	1			29-87	67	57	55		"	"	3	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 338 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2103 "

Coal consumed during the preceding 24 hours, tons 1635 lbs.

Coal remaining on hand at Noon, 123 " 1705 .

P. M.																	
1				S.S.E.	S.W.	1			29-86	66	58	55		b.c.	cir.cum.sh.	4	
2				"	"	1			29-85	65	57	55		"	"	2	
3				S.E.	W.S.W.	2			29-85	64	58	56		"	"	1	
4				"	"	2			29-85	63	58	56		"	"	1	
5	2	5	2-5	S.E. ½ E.	"	2			29-89	64	58	56		o.c.	cum St.	0	
6	8	1/8	10-6	"	"	2			29-90	66	58	56		"	"	0	
6.15 7	1	1/8	12-4	~~W.N.W.~~	West	3			29-93	70	57	54		"	"	0	
8				West	"	3			29-95	73	57	54		"	"	0	
9				"	"	3			29-96	65	57	55		"	"	0	
10				N.N.W.	W.S.W.	4			29-97	71	57	54		"	"	0	
11				S.W.	S.W.	4			29-97	72	57	54		"	"	0	
Mid.				"	"	4			29-97	64	56	53		b.c.	cir.cum.min.	4	

4-285

under the command of W. W. Mead, Commander, U. S. Navy,

Monday, May 30th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Meantil 4 A.M.

Clear and pleasant, light breeze from S.W.

W. Ry Mason 2d Asst.
Ensign U.S.N.

4 to 8 A.M.

Clear and pleasant. Light airs to gentle breeze from S.W. to S.S.W. - At 7.45 hoisted sail and crossed royal yards. Received for use of crew 116¼ lbs fresh beef and vegetables, and 9 3 lbs. head. At 7.00 Bennington made dress signals. At 7.26 Essex made by wigwag, "Have received on board four tombstones." - At 7.30 Essex made Int, 5457, - Answered, affirmative.

Geo. F. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.

Generally cloudy pleasant weather. Light airs to light breeze from S.S.W. Barometer rising. At 9.30 mustered at quarters and had Company and Artillery exercises. Transported sheet to place, put on yard and mast covers and made usual preparations for sea; Made routine signals, 0 absentees, 0 sick, 124 tons coal, at 12 made Int, 4560 and started fires under three boilers. Received 4 lbs. 3/8 in. sheet rubber in Department - Construction and Repair.

[illegible]
Lieut. U.S.N.

Meridian to 4 P.M.

Fair and raw, light airs to light breeze from S.W. and W.S.W. Made preparations for sea. Turned over the engines and began heaving in on Starboard chain. The Argentine vessel Patagonia left the harbor. Draft of ship, Aft 16' 3", Amidships 15' and Forward 13' - 8". Steam on three boilers.

W. Ry Mason 2d Asst.
Ensign U.S.N.

4 to 8 P.M.

Cloudy and raw. Light to gentle breeze from W.S.W. to West. At 4.20 got underway and stood out of the harbor in charge of Commanding Officer. At 4.40 set course S.E. ½ E. and put over patent log on following bearings El Cerro N.W. ¾ N (mag). Brava E. ¼ S.E. (mag). At 6.20 anchored off English Bank, with port anchor in 7 fathoms water, 45 fathoms chain. Bearings from anchorage Flores 2d Light N. by E. ½ E (mag). Brava W. ½ N. El Cerro, N.W. ¾ W. (mag). and Light Ship English Bank, E. ½ S. (mag). Banked fires

[illegible]
Lieut. U.S.N.

8 P.M. to Midnight.

Partly overcast, partly clearing. Gentle to moderate breeze from W. to S.W.

W. Ry Mason 2d Asst.
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut.
Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SW by S.	S.W.	4			29-97	64	54	52		h.c.	cir. cumu.	5	
2				S.S.W.	S.S.W.	4			29-97	62	54	52		"	"	6	
3				"	"	4			29-97	61	54	51		"	"	6	
4				"	"	4			29-98	60	53	51		"	"	7	
5				"	SW.	4			30-00	59	53	51		"	"	7	
6				"	"	4			30-00	57	52	50		"	"	7	
7				SW.	"	4			30-06	57	50	48		"	cir. cumu. nim.	2	
8				"	"	4			30-09	66	49	47		"	cumu. str. nim.	1	
9				"	WSW.	4			30-13	66	49	47		o.c.	"	0	
10				"	"	4			30-14	68	49	47		o.c.m.	"	0	
11				SW by S.	"	5			30-16	64	51	49		"	"	0	
Noon.				S.S.W.	SW by W.	5			30-15	69	52	50		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 360 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1743 "

Coal consumed during the preceding 24 hours, 3 tons 1735 lbs.

Coal remaining on hand at Noon, 120 " 330 "

P. M.																	
1				SW by S.	SW by W.	4			30-15	68	53	51		o.c.	cir. cumu. nimb.	0	M.
2				"	"	4			30-15	65	53	51		"	"	0	"
3				SSW.	SW.	4			30-15	68	52	49		h.c.	"	3	"
4				"	"	3			30-16	70	52	49		"	"	4	"
5				S.W by S.	"	4			30-15	67	52	49		"	"	4	
6				SW.	"	4			30-16	70	54	51		"	"	4	
7				"	"	4			30-17	71	54	51		"	"	5	
8				SW by W.	WSW.	4			30-18	74	54	51		"	"	9	
9				"	"	6			30-22	71	53	48		"	"	9	M.
10				"	"	5			30-23	73	51	47		h	none	10	"
11				"	"	5			30-22	67	52	49		"	"	10	"
Mid.				"	"	5			30-18	64	53	50		"	"	10	"

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, May 31, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant - barometer steady. Moderate breeze from S.W. and S.S.W.

J. T. Newton
Lieut U.S.N.

4 to 8 A.M.
Cloudy and unsettled. Moderate breeze from S.W. Sent down topgallant and royal yards at 7.15. Fires banked.

F. Farrow
Lieut U.S.N.

8 A.M. to Meridian.
Overcast and cloudy; light mist at times. Moderate to stiff breeze from W.S.W. and S.W. by W. Mustered at quarters and exercised gun divisions at great guns, other divisions at stations. The Quarterly Board of Survey condemned and ordered thrown overboard 55 lbs bread.

W. Ray Mann Field.
Ensign U.S.N.

Meridian to 4 P.M.
Overcast - clearing latter part. Barometer steady - moderate and gentle breeze from S.W. by W. and S.W. Marines and pioneers were exercised. Moderate sea from S.W. Fires banked.

J. T. Newton
Lieut U.S.N.

4 to 8 P.M.
Fair and pleasant. Moderate breeze from S.W. to W.S.W.

W. Ray Mann Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant - barometer steady. Moon set at 10. Moderate to fresh breeze from W.S.W. - Veered to 60 fathoms port chain. Moderate sea. - Fires banked.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut, Navigator.

4-205

LOG of the UNITED STATES Steamer Essex 3rd Rate.

At Anchor off Montevideo Uruguay

Hours.	Knots.	Fathoms.	Number of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Leeway.	Current.	BAROMETER. Height in Inches.	BAROMETER. Ther. in Air.	THERMOMETER. Dry Bulb.	THERMOMETER. Wet Bulb.	THERMOMETER. Sea Temp.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Miles.	Miles.
A.M.																	
1				SW by S	West	5			30-16	61	57	51		4		10	
2				W by S	-	5			30-14	60	57	52		-		10	
3				West	W by W	5			30-13	58	56	52		4		9	
4				-	-	5			30-12	58	53	51		-		9	
5				W by S	W by W	5			30-10	58	53	51		-		8	
6				W by N	West	5-6			30-11	58	52	49		-		5	
7				-	W by S	4			30-14	58	52	49		-		10	
8				-	-	3-4			30-16	60	57	48		-		1	
9				-	W by W	3-4			30-22	71	57	46		-		5	
10				SW by W	SW by W	3-4			30-23	64	57	49		-		3	
11				-	W	3-4			30-24	70	57	47		-		6	
Noon.				SW	-	4			30-24	69	57	49		-		7	

Course and distance made good since preceding noon by observations. Knots. Tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ☉ ° ' "
Longitude by chronometer from Foreman Observations of ☉ ° ' "

Position at 8 P. M.: Latitude by: ° ' "
Longitude by: ° ' "

Position at 8 P. M.: Latitude by: ° ' "
Longitude by: ° ' "

Current during the time. knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ☉ observed at ship's head ° '

Deviation of the Compass by Azimuth ☉ observed at - ° ' "

Water expended during the preceding 24 hours. 300 gallons.

Water during the preceding 24 hours. -

Water remaining on hand fit for use at Noon. 3 - 4 -

Coal consumed during the preceding 24 hours. tons 2 15 lbs.

Coal remaining on hand at Noon. 111 - 450 -

Hours.	Knots.	Fathoms.	Number of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Leeway.	Current.	BAROMETER. Height in Inches.	BAROMETER. Ther. in Air.	THERMOMETER. Dry Bulb.	THERMOMETER. Wet Bulb.	THERMOMETER. Sea Temp.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Miles.	Miles.
P.M.																	
1				SW by S	SW	4			30-24	73	62	49		4		5	
2				SW	-	4			30-25	72	62	47		-		5	
3				-	-	4			30-25	73	62	47		-		5	
4				-	-	4			30-26	68	62	49		-		5	
5				SW by S	SW by S	4			30-27	72	62	51		-		4	
6				-	-	4			30-28	71	62	49		-		6	
7				-	-	3			30-29	70	62	50		4		4	
8				-	-	3			30-30	67	58	51		4		4	
9				-	-	4			30-31	65	58	47		-		5	
10				-	-	3-4			30-32	71	62	50		-		5	
11				SW by W	SW	3			30-32	67	58	50		-		8	
Midt.				-	-	3			30-33	66	57	50		-		7	

under the command of W. W. Mead Commander, U. S. Navy,
Wednesday, June 1, 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Meridian to 4 A.M.
Clear and pleasant. Stiff breezes from West and W.N.W.

Cmdr. C.W. Stone
Ensign U.S.N.

4 to 8 A.M.
Fair and pleasant; gentle to stiff breezes from W.N.W. to W by S.

W. Cg. Mason Field
Ensign U.S.N.

8 A.M. to Meridian.
Generally clear and pleasant. Barometer rising slowly. Gentle to moderate breeze from W.S.W. W.S.W. by W. and S.W. At 9.30 quarters. Batallion drill.

J.J. Hunter
Lieut. U.S.N.

Meridian to 4 P.M.
Fair. Moderate and stiff breezes from S.W.

Cmdr. C.W. Stone
Ensign U.S.N.

4 to 8 P.M.
Alternating clear and cloudy; light passing showers latter part. Wind S.W. by S. moderate to gentle. Occasional moonlight.

J.J. Hunter
Lieut. U.S.N.

8 P.M. to Midnight.
Fair. Light to moderate breezes from S.W. by S. and S.S.W.

Cmdr. C.W. Stone
Ensign U.S.N.

Examined and found to be correct.

G.K. Hunter
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

At Anchor off Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S by W.	S W.	2			30-27	63	53	52		bc.	cir cumul	5	
1				S W.	W.S.W.	4			30-27	61	56	53		"	"	5	
2				W.S.W.	"	3			30-23	60	54	51		"	"	5	
3				"	West.	2			30-21	60	54	51		"	"	5	
4				W by N.	N.W.	3			30-19	58	53	51		"	"	8	
5				W.N.W.	"	3			30-14	56	52	50		"	"	8	
6				West.	"	3			30-19	58	50	48		"	"	7	
7				W by N.	"	3-4			30-20	67	50	48		"	"	9	
8					"	3-4			30-20	68	52	50		"	"	9	
9					"	4			30-18	64	54	51		"	"	9	
10					"	4			30-18	66	55	50		"	"	9	
11			12.4		"	4			30-18	68	57	51		"	"	9	
Noon.	10	4	17	E by S 1/2 E.	"	4			30-18	68	57	51		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 416 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 928 "

Coal consumed during the preceding 24 hours, 4 tons 85 lbs.

Coal remaining on hand at Noon, 114 " 335.

P. M.														
1	10		27.	E N.E.	N.W.	4			30-14	68	56	52	bc.	cir. cumu.	4	
2	10	2	37.2	"	"	4			30-11	64	55	52	"		1	
3	10	4	47.6	"	"	4			30-13	68	56	52	"		9	
4	2 1 2 4	2 1 5 5	2.8 5.2 6.5	N.E. by E. 3/4 E. N.E. by E. 1/2 E.	"	4			30-12	65	57	53	"		9	
5				N.W.	"	4			30-11	67	56	52	b	none	10	
6				W.N.W.	"	3			30-13	74	55	51	"	"	10	
7				"	"	4			30-14	74	54	51	"	"	10	
8				"	"	4			30-13	72	55	51	"	"	10	
9				"	"	3			30-13	70	55	51	"	"	10	
10				"	"	4			30-12	71	55	51	b	cir. cumu.	8	
11				"	"	4			30-11	66	55	51	"	"	8	
Mid.				"	"	5			30-09	64	54	51	bc.	mixed.	8	

4-265

under the command of W. W. Mead. Commander, U. S. Navy,

Thursday, June 2d. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Quiet 4 A.M.

Fair. Light to moderate breeze from S.W. to the West

W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.

Clear and pleasant. barometer steady - Gentle to moderate breeze from N.W. Made preparations for target firing. At 7.45 sent out boats with observers, for target firing. Draught forward 13-8, - amidships 15, - aft 16-3. Spread fires, and hove in to 30 fathoms.

J.T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Gentle and moderate breezes from N.W. At 8.35 got up anchor, dropped target and until 11.15 engaged in firing with great guns, with ship underway. At 11.15 hoisted boats, picked up target and at 11.35 started ahead under steam on course E.N.E. At 11.40 made plain sail to topsails. Average steam 61. - Average revolutions 50. Expended 8 (8in.), 30 lb. charges of powder in bag: 8 (60 Pds.), 5 lb. charges in bags, 16 (8 in.), 10 lb. and 7 (3 in.), 12 oz. charges in bags.

W.O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.

Clear. Moderate N.W. breeze. Course E.N.E., until 3.13 when changed to N.E. by E. 3/4 E., Patent Log 46.8. At 2.15 sighted Pta del Este Lt. House, bearing E 3/4 N. At 3.25 called all hands and furled sail. At 3.36 changed course to N.E. by E. 1/2 E. Patent Log 52. At 12.15 started fires in distilling boiler. Patent Log at end of watch. 56.5. At 3 started distilling.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant: gentle and moderate breezes from N.W. Steaming into harbor of Maldonado. At 4.14 changed course E. by S. At 4.28 called all hands bring ship to anchor and anchored by Starboard anchor 45 fathoms of chain in 5 fathoms water. Bearings at anchorage (mag) West end of Gorriti Island - S.W. 3/4 S. - Light House S.E. 3/4 S. Draught of ships. 13-8, forward, - 15, amidships. - 16-3, aft.

W.W. Mead
Ensign U.S.N.

8 P.M. to Midnight.

Clear first part, overcast last part. Moderate to fresh N.W. breeze. Distilling

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

H. K. Hewitt
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex. , Rate,

Maldonado. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				W. N. W.	W.N.W.	3-5			30-10	62	53	50		b.c.g.	cum. nim.	8	
2				"	"	3-4			30-10	60	52	50		"	"	7	
3				W. by S.	West.	3			30-10	60	53	50		bc	"	7	
4				W.S.W.	W.S.W.	3			30-10	60	53	50		"	"	6	
5				"	S.W. by W	3			30-11	59	52	49		"	"	8	
6				"	"	3			30-12	58	52	49		"	"	8	
7				W. by S.	"	3-4			30-14	57	51	48		"	"	7	
8				W.S.W.	"	3-4			30-17	63	51	48		"	cir. cum. str.	7	
9				West.	S.W.	4			30-21	68	51	48		"	"	8	
10				"	W.S.W.	4			30-24	74	50	47		"	"	9	
11				"	"	4			30-24	69	52	47		"	"	9	
Noon.				"	"	4			30-23	72	53	47		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 385 gallons.

Water Distilled during the preceding 24 hours, 2033 "

Water remaining on hand fit for use at Noon, 2576 "

Coal consumed during the preceding 24 hours, 4 tons 750 lbs.

Coal remaining on hand at Noon, 109 " 1825

P. M.																	
1				W. by S.	W.S.W.	3			30-21	72	51	48		b.c.m.	cir. cum.	8	
2				"	"	3			30-20	72	51	47		"	"	8	
3				"	"	3			30-19	73	51	47		"	"	8	
4				"	"	3			30-19	72	51	47		"	"	8	
5				"	"	3			30-20	74	51	47		"	"	6	
6				"	"	3			30-20	75	51	48		"	"	7	
7				"	"	3			30-22	76	52	48		"	"	8	
8				"	"	3			30-22	75	53	49		"	"	9	
9				West.	W.S.W.	3			30-22	75	53	50		bc	"	9	
10				"	"	3			30-22	74	52	49		"	"	9	
11				"	"	3			30-21	67	52	49		f	none	10	
Mid.				"	"	3			30-19	65	51	48		"	"	10	

under the command of W. H. Mead, Commander, U. S. Navy,
Friday, June 3rd, 18 72

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Quantico 4 A.M.

Generally fair. Gentle breeze with stiff to moderate squalls first part, from N. N. W. to W. S.W. Distilling.

H Geo. F. W. Holman
Lieut U.S.N.

4 to 8 A.M.

Clear and pleasant. Gentle and moderate breezes from S.W. by W. Executed morning orders.

D. Malone
Ensign U.S.N.

8 A.M. to Meridian.

Clear. Moderate breeze from S.W. to W.S.W. Working party ashore getting ready for small arm target practice. Distilling.

W. O. Wulue
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Misty to the N'd. Gentle breeze from W.S.W. Sent a working party ashore to get ready for small arm target practice Transported sheet anchor to bower bill board. Distilling.

H Geo. F. W. Holman
Lieut, U.S.N.

4 to 8 P.M.

Clear. Gentle W.S.W. breez. At 6.53 stopped distilling

W. O. Wulue
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Gentle breeze from W.N.W. At 10.05 went to General Quarters; times as follows:- 1st Division ready 3 minutes, 30 seconds; = 2d Division 4 minutes 30 seconds; = 3rd Division 4 minutes, 0 seconds; = Navigators Division 4 minutes 45 seconds; = Powder 5 minutes 10 seconds; = Engineers 1 minute 45 seconds; Marine Guard 2 minutes 40 seconds; = Pay Dept., 1 minute. 45 seconds; Surgeons ready 1 minute 30 seconds. ~~Distilling~~

H Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

G. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				W. by N.	N.W.	3			30-14	61	51	48		bcmc.	cu-cmc	8	
1				"	"	3			30-14	60	50	47		bc.	"	9	
2				"	"	3			30-12	59	49	46		"	"	9	
3				"	"	3			30-12	56	47	45		b	none	10	
4				"	N.W. by N.	3			30-11	53	47	44		"	"	10	
5				"	N.N.W.	3			30-11	50	47	44		bc.	cir.	9	
6				"	"	3			30-10	54	45	43		"	"	8	
7				"	"	3			30-11	65	46	43		"	"	8	
8				"	N.W. by W.	3			30-13	69	49	46		"	"	8	
9				West	W.N.W.	3			30-13	69	51	48		"	"	7	
10				"	N.W. by W.	5			30-13	70	52	48		"	"	6	
11				W. by N.	"	5			30-11	75	53	49		"	"	5	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water distilled during the preceding 24 hours, 710 "

Water remaining on hand fit for use at Noon, 2914 "

Coal consumed during the preceding 24 hours, tons 1920 lbs.

Coal remaining on hand at Noon, 108 " 21445.

P. M.																	
1				W.N.W.	N.W. by W.	5			30-08	72	54	50		bc	cir	5	
2				"	"	4			30-06	69	56	51		"	cir-str.	9	
3				NW by W	"	4			30-03	70	57	53		"	cir	9	
4				"	"	4			30-03	69	57	53		"	"	9	
5				"	NW.	3			30-03	72	58	54		"	"	8	
6				"	"	3			30-02	80	57	53		"	"	8	
7				"	"	3			30-02	76	55	52		"	"	9	
8				"	"	3			30-02	76	56	52		"	"	9	
9				"	"	3			30-04	75	56	53		b	none	10	
10				"	"	3			30-04	74	57	54		"	"	10	
11				"	"	3			30-04	67	57	54		"	"	10	
Mid.				W.N.W.	W.N.W.	4			30-04	66	56	54		"	"	10	

under the command of W. W. Mead. Commander, U. S. Navy,

Saturday, June 4th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear bright starlight. Moon set at 1.20 Gentle breeze from N.W. Distilling.

W. F. Wilson
Lieut U.S.N.

4 to 8 A.M.
Clear. Gentle breeze from N.W. by N., to N.N.W. Prepared to send firing party ashore.

N. O. Bulmer
Ensign U.S.N.

8 A.M. to Meridian
Clouding. Gentle to stiff breeze from N.W. by W. and W.N.W. Sent Navigators and Powder divisions and Marine Guard ashore for target practice with rifles.

Geo. L. Wolman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Cool. Stiff to moderate breeze from N.W. by W. Navigators Division on shore for target practice. Served out Monthly money.

W. F. Wilson
Lieut U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Gentle breeze from N.W. Navigators Division ashore firing at target practice ~~[illegible]~~ with rifles until sunset.

Geo. L. Wolman
Lieut U.S.N.

8 P.M. to Midnight.
Clear and cool. Bright moonlight. Gentle to moderate breeze from N.W., to W.N.W.

W. F. Wilson
Lieut U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3d. Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				W by N	W.N.W.	3			30-04	65	56	53		b.	none	10	
1				W.N.W.	"	4			30-03	64	56	53		"	"	10	
2				"	"	4			30-02	62	55	52		"	"	10	
3				"	N.W.	4			30-03	62	55	52		"	"	10	
4				N.W.	N.N.W.	3			30-01	61	54	52		"	"	10	
5				"	N.W.	3			30-01	61	53	51		b.	cir.	9	
6				"	"	3			30-01	61	52	50		b.c.	cir. cum.	8	
7				"	"	3			30-01	66	52	50		"	"	8	
8				"	"	3			31-07	73	54	52		"	"	8	
9				"	"	3			31-07	68	57	54		"	"	8	
10				"	"	3			30-06	72	59	55		"	"	8	
11				N.W. by W	"	3			30-05	69	60	56		"	"	8	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 412 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2502 "

Coal consumed during the preceding 24 hours, tons 970 lbs.

Coal remaining on hand at Noon, 108 " 1175.

P. M.																	
1				N.W.	N.N.W.	3			30-02	68	62	58		h.cur.	cir. cum.	7	
2				"	"	3			29-98	67	63	59		"	"	8	
3				N.N.W	"	2			29-96	66	64	58		"	"	9	
4				North.	North.	2			29-95	67	64	58		"	"	9	
5				"	"	2			29-94	70	63	57		"	"	8	
6				N. by E.	"	3			29-94	68	60	55		"	"	8	
7				N.N.E.	N.N.E.	2			29-94	74	58	54		b.	none	10	
8				N.E.	"	2			29-94	75	55	52		"	"	10	
9				N.N.E.	"	2			29-94	74	54	51		h.cur.	cir. cum.	6	
10				N. by E.	"	3			29-93	71	53	50		"	"	8	
11				"	"	4			29-91	64	51	49		b.c.	cir. cum.	8	
Mid.				North.	North.	5			29-89	62	51	49			"	6	

under the command of W. W. Mead, Commander, U. S. Navy,
Sunday, June 5, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and fine, gentle to moderate breeze from W.S.W. to N.W. Fires up for heating ship.

W. Reg. Haen Fred.
Ensign U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant. Gentle breeze from S.W. to N.W.

Geo. F.W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Misty. Gentle breeze from N.W. At 9.30 mustered at quarters and Commanding Officer inspected the ship and crew. Officers in Special full dress. At 10. had general muster and read "Articles for Better Government of the Navy." Received 116 lbs. fresh beef, 116¼ vegetables and 93 lbs. bread, in Pay Department.

[illegible]
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine: gentle to light breeze from N.N.W. and N.

W. Reg. Haen Fred.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant weather. Light and gentle breezes from North, to N.N.E.

[illegible]
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and cold. Barometer falling slowly. Light to stiff breeze from N.N.E, to N.

W. Reg. Haen Fred.
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d. Rate,
Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				North.	North.	4			29.87	60	50	49		h.cw.	cir.cum.st.	6	
1				"	"	4			29.87	59	50	49		"	"	6	
2				"	"	3			29.85	58	51	48		"	"	7	
3				N by E.	N by E.	4			29.83	58	49	48		"	"	8	
4				N.N.E.	N.N.E.	3			29.81	57	49	47		"	"	6	
5				"	"	3			29.81	57	50	49		"	"	9	
6				North.	North.	2			29.81	57	52	51		h.cw.	cir.cum.st.	5	
7				"	"	2			29.82	62	53	52		"	"	4	
8				N NW.	"	2			29.87	71	55	54		"	"	6	
9				"	"	2			29.88	71	61	57		"	"	8	
10				N.W.	N.W.	1			29.88	72	62	60		"	"	9	
11				"	"	1			29.87	74	64	61		"	"	9	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2130 "

Coal consumed during the preceding 24 hours, 1 tons 250 lbs.

Coal remaining on hand at Noon, 107 " 925

P. M.																	
1				NW. by W.	W.N.W.	2			29.87	74	65	61		h.cw.	cir.cum.st.	4	
2				"	"	2			29.87	75	65	61		"	"	3	
3				W.NW.	W. by N	2			29.87	75	64	61		"	"	1	
4				West.	W. by S.	2			29.88	74	63	61		"	"	2	
5				SW by S.	S.W.	1			29.90	76	62	60		"	"	3	
6				SE	"	1			29.92	76	63	60		h.cw.	"	4	
7				S.S.E.	S.S.W.	1			29.93	72	62	60		"	"	5	
8				S.S.W.	West	1			29.95	74	61	59		"	"	4	
9				W.NW.	"	1			29.94	74	58	57		h.mi.cr.	none	10	
10				W by N	S.W.	2			29.97	67	57	55		h.mi.cr.	cir.str.	9	
11				"	"	2			29.98	60	57	55		"	"	8	
Mid.				"	"	2			29.98	60	57	55		"	"	9	

4-200

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, June 6th, 1873

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear - moderate to gentle breeze from S., and S. by E.
Barometer falling.

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.
Clear first part, partly cloudy and misty latter part. Gentle to light breze from S.S.E. to South.
Marine Guard went on shore for target practice.

[redacted]
Lieut. U.S.N.

8 A.M. to Meridian.
Partly clear and pleasant weather with light airs from S.E. & N.E. Misty around horizon. At 8.15 sent Powder Division and at 9.15 Engineers and First Division on shore for target practice. At 9.45 Marine Div. returned, and at 11.50 Powder Division returned.

J. B. Bleecker
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy and pleasant; barometer steady; light breze from W.S.W. and W. by S. - At close of watch Powder Engineer's divisions, and Marines ashore firing at target.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Fair and pleasant; light breeze to light airs from W. by S. to S.S.W. Target parties returned.

W. Rogers Train
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant, misty about horizon. Moonlight Barometer rising. Light airs from W., and light breze from S.W.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

[redacted]
Lieut. - Navigator.

4-205

LOG of the UNITED STATES Steamer Essex. ,36 Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				West	S.W.	1			30-02	63	57	55		b.cu.	cu. cumu.	8	
2				W.S.W.	"	3			30-04	60	56	54		"	"	8	
3				"	"	3			30-06	60	56	53		"	"	8	
4				S.W. by W.	"	3			30-07	60	55	52		"	"	6	
5				S.S.E.	"	3			30-07	60	55	53		b.c.w.l.	"	1	
6				S. by E.	"	3			30-08	57	55	53		b.cu.	"	8	
7				S.S.W.	"	2			30-09	57	55	53		b.c.m.	"	8	
8				S.W.	"	2			30-17	68	55	53		"	cirro-cumu.	8	
9				S.S.W.	"	1			30-20	69	56	53		"	"	8	
10				"	"	2			30-21	66	56	53		b.c.	"	6	
11				S.W.	"	3			30-21	65	55	52		"	"	9	
Noon.				"	S.S.W.	3			30-21	70	54	50		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 476 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1654 "

Coal consumed during the preceding 24 hours, tons 16 35 lbs.

Coal remaining on hand at Noon, 106 " 1530

P. M.																	
1				S.W.	S.S.W.	3			30-19	70	54	50		b.c.	cir. str.	9	
2				S.S.W.	S. by W.	3			30-19	71	55	50		"	"	9	
3				South.	South.	3			30-19	69	55	51		"	"	9	
4				S.E.	"	2			30-19	67	55	52		"	"	9	
5				S.E. by E.	S.S.E.	2			30-21	68	56	53		"	"	7	
6				E.S.E.	"	1			30-23	74	57	54		"	cir.-cumu.	7	
7				"	S.E.	1			30-24	73	56	53		b.cu.	"	7	
8				N.E.	"	2			30-24	74	56	53		"	"	4	
9				"	"	1			30-24	74	55	52		"	"	4	
10				N.N.E.	N.N.E.	2			30-23	72	53	50		"	"	6	
11				"	"	2			30-21	62	49	46		"	"	6	
Mid.				N.E. by N.	"	2			30-19	58	48	45		"	"	5	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, June 7th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Light airs and gentle breezes from S.W.

C. M. Strong
Ensign U.S.N.

4 to 8 A.M.
Clear and fine; gentle to light breeze from S.W. Sent firing parties ashore.

W. Ray Nelson Field.
Ensign U.S.N.

8 A.M. to Meridian.
Board of Survey condemned four tubs of butter in Pay Department. Landed part of 2d. Division, also 3d. Divisions for range firing on Soriti Island. - 1st. Division engaged in firing from boat at shore target. Sent party on shore to put up headstones over the graves of the Pensacola and Essex men on Soriti Island. Clear and pleasant. Barometer steady. Light airs to gentle breeze from S.W. and S.S.W.

J. B. Blocker
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle and light breezes from S.S.W. to South. Sent firing parties on shore. planted target for sub-calibre and began firing. Sent working party on shore. - Open hawse.

C. M. Strong
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. barometer rising, light breeze and light airs from S.S.E. and N.E. Target parties returned. Clear hawse.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Fair. Light airs and breezes from N.E. and N.N.E. Cross in hawse.

C. M. Strong
Ensign U.S.N.

Examined and found to be correct.

G. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	N.E.	3			30-14	56	48	45		b.c.m.w.	cir.str.	6	
2				East.	"	3			30-11	54	49	47		"	"	4	
3				"	"	3			30-10	54	49	47		"	"	2	
4				E.N.E.	"	3			30-10	55	49	47		b.c.l.w.	"	5	
5				"	"	3			30-10	54	50	48		b.c.l.	"	3	
6				"	"	3			30-08	55	50	48		"	"	1	
7				N.N.E.	N.E by N.	3			30-09	55	51	49		o.c.m.l.	cir.cum & Str.	0	
8				"	N.E.	3			30-08	64	51	49		o.c.l.t.r.	"	0	
9				N.E by E.	N.E by E.	3			30-04	64	52	50		"	nimb	0	
10				South.	N.N.E.	3			30-04	66	54	53		"	"	0	
11				S by W.	"	3			30-10	67	56	54		"	"	0	
Noon.				N.E.	E.N.E.	3			30-00	69	56	55		o.c.r.	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 374 gallons.

Water during the preceding 24 hours, "

Water remaining on hand ~~at~~ for use at Noon, 1280 "

Coal consumed during the preceding 24 hours, tons 970 lbs.

Coal remaining on hand at Noon, 106 " 560

P. M.																	
1				East.	East.	3			29-96	68	55	54		o.c.d.	nim.	0	
2				"	"	3			29-94	64	55	54		o.c.r.l.t.	"	0	
3				"	"	2			29-90	68	55	53		o.c.d.	"	0	
4				S.E.	S.S.E.	3			29-90	65	56	54		o.c.r.	"	0	
5				S.S.E.	South.	4			29-91	70	57	55		"	"	0	
6				S.by E.	S.by E.	5			29-92	70	55	54		"	"	0	
7				South.	South.	4-6			29-97	71	54	53		o.c.g.r.	cumnim.	0	
8				S.by W.	S.by W.	4-6			30-00	74	53	52		o.c.g.	"	0	
9				"	"	4-6			30-03	72	54	52		"	"	0	
10				S.W.by S.	S.S.W.	4-6			30-06	70	55	53		"	"	0	
11				S.W.	"	4-6			30-08	65	54	52		b.c.g.	cr.cumnim	3	
Mid.				S.W.by W.	"	4-6			30-10	62	54	53		"	"	3	

under the command of W. W. Mead. Commander, U. S. Navy,
Wednesday June 8th., 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced until 4 A.M.
Cloudy. Lightning in N.W. last hour. Gentle N.E. breeze. Close in hawse; port chain on top.

W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Cloudy - overcast and raining at end of watch. Frequent flashes of chain lightning to N.W. Barometer falling slowly. Received on Pay Department 116¼ lbs. fresh beef - 116¼ lbs vegetables - 93 lbs. soft bread. Clear hawse.

H.J. Hawkins
Lieut. U.S.N.

8 A.M. to Meridian.
Overcast. Cloudy and raining. Thunder and lightning first three hours. Gentle breezes from E.N.E. to N.N.E. Hove up port anchor and hove in to 45 fathoms on starboard chain.

C.M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Overcast, thunder and rain. Light to gentle breeze from the East to S.S.E. - Barometer falling.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Overcast, Cloudy and raining. Moderate to fresh breezes from S by E, to S. by W. Housed topgallant masts.

C.M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Overcast first part, clearing last part. Moderate to fresh breeze from S. by W. to S.S.W.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

L.K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Maldonado. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	S.W.	4-6			30-10	58	55	53		b.c.q.	cir. cirrost.	4	
2				"	"	4-5			30-10	56	54	52		"	"	4	
3				"	"	4-6			30-11	54	53	52		"	"	3	
4				S.W.by W.	"	4-5			30-12	53	53	52		"	"	5	
5				S.W.	"	3-5			30-12	54	53	50		"	"	5	
6				S.W. by W.	"	3-4			30-16	54	53	50		"	cumr. cirrost.	7	
7				S.W.	"	2-4			30-19	62	52	48		"	"	2	
8				"	"	3-4			30-25	66	52	49		"	"	2	
9				W.S.W.	"	3			30-31	68	54	50		b.c.	cir. cumr	6	
10				"	W.S.W.	1			30-33	69	53	49		"	"	5	
11				"	"	1			30-35	73	54	57		b.c.fo.	cumr. cirrost	2	
Noon.				"	South.	1			30-35	78	55	51		b.c.	cir. cumr.	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 368 gallons.

Water distilled during the preceding 24 hours, 336 "

Water remaining on hand fit for use at Noon, 1248 "

Coal consumed during the preceding 24 hours, tons 2205 lbs.

Coal remaining on hand at Noon, 105 " 595.

P. M.																	
1				W. by S.	W.S.W.	2			30-33	78	57	54		b.c.	cir. cumr.	7	
2				West.	"	3			30-32	77	54	51		"	"	5	
3				"	"	3			30-30	76	58	54		"	"	7	
4				"	"	3			30-29	77	55	51		"	"	7	
5				W. by S.	"	2			30-30	80	55	51		"	"	8	
6				West.	West	1			30-29	80	57	50		"	"	7	
7				"	"	1			30-29	78	54	51		"	"	7	
8				"	"	1			30-29	76	55	51		b.c.	"	9	
9				"	N.W.	1			30-29	74	54	51		"	"	9	
10				"	N.N.W.	3			30-29	71	52	50		b.c.	none	10	
11				"	"	3			30-28	68	52	48		"	"	10	
Mid.				N.W.	"	3			30-26	67	49	47		"	"	10	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday, June 9th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy. Moderate breeze with fresh squalls from S.S.W. Passing showers in sight.

Fwp. T.W. Solomon
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Light to stiff breezes from S.S.W. Executed morning orders.

C.M. Cotton
Ensign U.S.N.

8 A.M. to Meridian
Generally fair. Occasional passing showers. Gentle breeze to light airs from W.S.W. to the South. At 9 started distilling. Hove in to 15 fathoms on starboard chain. 1st, and 3d, Divisions firing with sub-calibre. Sent 3rd. Company on shore to exercise as Infantry. Sent working-party on shore to take down targets.

W.O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light to gentle breezes from S.W. 3d. Division engaged in sub-calibre firing during first part of the watch. 1st, and 2d, Boarders fired with revolvers at target 50 yards from the ship. Rigged the steam launch with torpedo fittings and fired one exercise torpedo. Veered to 45 fathoms at hawse on the starboard chain. Issued clothing and small stores. Distilling.

Fwp. T.W. Solomon
Lieut. U.S.N.

4 to 8 P.M.
Clear. Light airs from W.S.W. to the West. Unrigged torpedo gear from St Launch and stowed it away. At 7.25 hoisted in Launch.

W.O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Heavy dew. Light airs to gentle breezes from W. to S.W. Distilling.

Fwp. T.W. Solomon
Lieut U.S.N.

Examined and found to be correct.

C.K. Learned
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd. Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				West.	North.	3			30-25	63	49	47		bw.	none	10	
1				W.S.W.	N.NE.	3			30-22	62	48	46		bcw.	cir. strow.	8	
2				S.W.	"	3			30-20	61	48	46		b.c.	cir. cumul. str.	4	
3				"	"	3			30-17	59	47	45		"	"	4	
4				"	"	2			30-16	58	46	44		b.c.w.	cir. cumu	7	
5				"	"	2			30-16	58	46	44		"	"	8	
6				W.S.W.	North	2			30-16	68	47	45		"	"	8	
7				S.W. by W.	"	2			30-19	70	49	47		b.c.	cir. cumul. str.	6	
8				"	"	2			30-17	68	48	46		"	"	8	
9				W.S.W.	"	1			30-16	69	51	49		"	"	5	
10				"	"	1			30-15	72	53	50		"	"	5	
11				W.S.W.	"	1			30-12	74	54	52		"	"	5	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 358 gallons.

Water distilled during the preceding 24 hours, 2278 "

Water remaining on hand fit for use at Noon, 3168 "

Coal consumed during the preceding 24 hours, 2 tons 765 lbs.

Coal remaining on hand at Noon, 102 "2070

P. M.																	
1				W.S.W.	S.W.	1			30-12	71	55	51		b.c.	cir. str.	5	
2				"	West	1			30-12	71	56	53		"	"	5	
3				West.	"	1			30-10	70	57	54		"	"	5	
4				W.N.W.	"	1			30-09	68	57	54		"	"	5	
5				S.W. by W.	"	1			30-09	69	57	54		"	cir. cumul	4	
6				S. by E.	"	2			30-08	69	56	54		bcw.	"	6	
7				"	"	2			30-08	70	56	54		"	"	6	
8				S.S.W.	"	3			30-07	70	56	54		"	"	4	
9				S.W.	W.S.W.	2			30-06	71	55	52		"	"	4	
10				"	"	2			30-07	71	54	52		"	"	6	
11				"	S.W.	2			30-07	76	75	51		"	"	5	
Mid.				S.W. by W.	"	2			30-06	63	53	51		"	"	5	

under the command of W. W. Mead, Commander

Friday, June 10th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Until 4 A.M.

Clear first part, partly cloudy latter part. Heavy dew Gentle breeze from North to N.N.E. Distilling.

[redacted]
Lieut U.S.N.

4 to 8 A.M.

Clear and pleasant. Gentle breeze from N.N.E. to the North. Sent firing party from 2d and Engineers Divisions to fire at target from boat. Sent 2d. Company on shore for exercise as Infantry. — Received in Paymasters Department 116½ lbs. each Beef and Vegetables and 93 lbs Bread. Distilling.

W.O. Bulmer
Ensign U.S.N.

8 A.M. to Meridian.

Fair and pleasant, light breeze to light airs from N. Sent firing parties on shore. Stopped distilling Sent Marine Guard on shore for exercise.

W. Roy Mann Jr.
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant, — barometer falling, light airs from S.W. and N. 2d, and 3d, divisions on shore firing at target. — Gatling gun fired 800 rounds. — Sub calibre practice. Loosed sail at 2.

N. J. T. Newton
Lieut. U.S.N.

4 o'clock to 8 P.M.

Fair. Light airs to light breezes from West. At 4.30 furled sail. Veered to 45 fathoms at the hawse on the starboard chain. 3rd. Division finished firing at target from boat.

Geo. H. Johnson
Lieut. U.S.N.

8 P.M. to Midnight.

Generally cloudy. Light breeze from W.S.W. to S.W.

[redacted]
Lieut. U.S.N.

Examined and found to be correct.

A. K. Lewis
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d. Rate,

Maldonado. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	S.S.W.	3			30-076	53	51			o.c	cum. str.	0	
2				"	"	3			30-076	053	50			"	"	0	
3				"	"	4			30-076	052	50			"	"	0	
4				S.S.W.	S by W.	5			30	075	952	49		"	"	0	
5				S.W. by S.	S.S.W.	3-5			30-075	851	48			o.c.g.	cum. str.	0	
6				S.W.	"	3-5			30-105	551	47			"	"	0	
7				S.W. by W.	S.W.	3-4			30-125	650	47			f.c.g.	"	4	
8				"	"	3-5			30-166	149	46			"	cum. str.	6	
9				W.S.W.	"	5			30-206	848	45			f.c.	cir. cum.	5	
10				"	"	5			30-226	047	44			"	"	5	
11				"	"	6			30-246	747	44			"	"	4	
Noon.				"	"	6			30-256	747	44			"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 357 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2811 "

Coal consumed during the preceding 24 hours, tons 970 lbs.

Coal remaining on hand at Noon, 102 " 1100.

P. M.																	
1				W.S.W.	S.W.	6-7			30-247	047	44			b.c.g.	cum/nim	4	
2				S.W.	S.S.W.	5-8			30-246	051	48			b.c.g.	"	4	
3				"	"	5-8			30-257	152	49			b.c.g.	"	3	
4				"	"	4-8			30-287	253	50			"	"	3	
5				"	"	3-5			30-327	851	48			"	"	1	
6				"	"	3-5			30-367	752	49			"	"	2	
7				"	"	3-6			30-387	851	47			"	"	4	
8				"	"	3-6			30-397	452	48			"	"	4	
9				S.W. by W.	"	4-6			30-397	251	48			b.c.g.s.f.	cir. cum. cirr.	3	
10				"	"	4-5			30-396	950	47			"	"	6	
11				W.S.W.	"	4-6			30-396	451	48			"	"	6	
Mid.				"	"	6			30-396	451	48			b.c.	"	6	

under the command of W. H. Mead. Commander, U. S. Navy,
Saturday, June 11th., 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Sunrise to 4 A.M.
Overcast and cloudy, gentle to stiff breeze from S.S.W. and S. by W.

W. Ry Mason Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Overcast first part, fair latter part. Gentle breeze with moderate to stiff squalls from S.S.W. to S.W. Moderate seas

Jno. H. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Partly cloudy. Stiff to strong breeze from S.W. Moderate sea, increasing latter part. Let go port anchor and veered to 30 fathoms port & 75 fathoms starboard chain. At 9.30 mustered at quarters. At 9.40 cleared ship for action. Time 23 minutes. At 10. went to general quarters, 1st division ready in 1 m. 40 s.; 2d division 1 m. 50 s.; 3d. 2 m. 05 sec.; Navigators 2 m.; Powder 2 m. 20 s.; Engineers 1 m.; Pay Department 1 m. 0 sec.; Surgeons 2 m. 15 sec. Marine Guard 1 m. 05 sec.; Secured at 10.30. Hawse clear.

W. F. Willcox
Lieut. U.S.N.

Meridian to 4 P.M.
Fair and raw. Occasional light rain squalls passing over. Stiff breeze to moderate gale blowing in squalls from S.W. by W. to S.S.W. Moderate sea. Barometer rising very slowly. Clear hawse. Steam up for heating ship.

W. Ry Mason Field.
Ensign U.S.N.

4 to 8 P.M.
Generally cloudy but pleasant. Gentle to moderate breeze from S.S.W. with frequent moderate squalls. Hawse clear.

W. F. Willcox
Lieut. U.S.N.

8 P.M. to Midnight.
Fair and pleasant. Moderate to strong breeze blowing in squalls from S.S.W. Occasional passing showers. Steam up for heating Clear hawse.

W. Ry Mason Field
Ensign U.S.N.

Examined and found to be correct.

Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Maldonado Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				W.S.W.	S.S.W.	5-6			30-39	52	50	47		bcqr.	cir. cum.	6	
2					S.W.	4-5			30-39	53	50	47		"	"	7	
3				"	"	4-5			30-39	52	49	46		"	"	7	
4				S.W by W.	S.S.W.	4-5			30-39	51	50	47		bcpq	"	6	
5				S.W.	"	3-5			30-40	51	49	46		bcq.	"	3	
6				"	"	3-4			30-43	53	49	47		bc.q.m.	"	4	
7				S.W. by W.	"	3			30-49	54	49	47		bcm.	"	2	
8				S.W.	"	3			30-52	55	49	46		"	"	6	
9				"	"	3			30-54	67	49	46		"	"	8	
10				W.S.W.	W.S.W.	3			30-56	69	50	47		bc	"	9	
11				"	"	2			30-56	69	50	46		"	"	9	
Noon.				"	"	2			30-56	70	51	47		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head °

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2443 "

Coal consumed during the preceding 24 hours, tons 1145 lbs.

Coal remaining on hand at Noon, 101 " 1895

P. M.																	
1				N.N.W.	N.N.W.	2			30-55	71	51	47		bc	cir. cum.	8	
2				"	"	2			30-55	71	51	47		"	"	8	
3				N. by E.	"	2			30-55	71	51	47		"	"	8	
4				"	"	3			30-55	68	50	46		"	"	7	
5				"	"	2			30-55	70	50	46		"	"	6	
6				"	"	1			30-54	71	51	48		"	"	6	
7				"	West	1			30-54	72	52	48		"	"	7	
8				W.N.W.	N.W.	1			30-54	72	52	49		"	"	5	
9				N.N.W.	N.N.W.	2			30-56	70	51	48		"	"	9	
10				North	"	1			30-57	70	49	47		"	"	9	
11				"	"	2			30-56	69	48	46		"	"	9	
Mid.				N.N.W.	"	2			30-56	61	48	45		bc	none	10	

4-186

under the command of W. W. Mead, Commander, U. S. Navy,
Sunday, June 12th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant.— barometer steady— moderate breeze from S.S.W. and S.W. with frequent moderate squalls. Passing shower at 4. Clear hawse.

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.
Partly cloudy. Gentle breeze from S.S.W. with frequent light to moderate squalls first part; occasional light drizzle. Barometer rising rapidly. Hove up foul anchor and in to 45 fathoms on starboard chain.

W. F. A. Winn
Lieut. U.S.N.

8 A.M. to Meridian
Clear and fine, gentle to light breeze from S.S.W. and W.S.W. Mustered at quarters and the Commanding Officer inspected the ship and crew. Received on Pay Department 1144 lbs. fresh beef, 400 lbs. vegetables and 93 lbs. bread. Steam up for heating.

W. Ray Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant.— barometer steady— light breeze from W.S.W.

J. T. Newton
Lieut. U.S.N.

Steam up for heating ship
4 to 8 P.M.
Fair and pleasant. light breeze from W.S.W. and W. Barometer steady. Steam up for heating purposes.

W. Ray Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Barometer steady. Moonlight. Light breeze and light airs from W.N.W. Steam up for heating ships.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Maldonado. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.NW.	North	3			30-55	60	47	45		bw	none	10	
2				N. by W.	"	3			30.51	58	44	42		"	"	10	
3				"	"	3			30-51	55	43	41		"	"	10	
4				"	"	3			30.49	55	43	41		"	"	10	
5				NW. by N.	"	3			30-48	55	44	41		"	"	10	
6				NNW.	"	3			30-47	56	45	42		"	"	10	
7				"	"	2			30-48	53	41	39		bc	cum.	9	
8				"	"	2			30-53	64	42	41		bcm	strc.	8	
9				N. by E.	"	2			30-55	67	42	40		"	cum. str.	8	
10				NNE.	"	3			30-55	63	48	45		"	cum.	9	
11				North.	"	3			30-56	67	50	46		"	"	9	
Noon.				WNW.	NW	2			30-56	71	53	48		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2071 "

Coal consumed during the preceding 24 hours, tons 1445 lbs.

Coal remaining on hand at Noon, 161 " 450.

P. M.																	
1				WSW.	North.	3			30-54	68	55	51		b	none	10	
2				West	NW.	2			30-51	66	57	52		"	"	10	
3				"	NNW.	2			30-49	64	58	54		"	"	10	
4				"	"	2			30-47	62	57	54		"	"	10	
5				WNW.	NNE.	2			30-48	68	58	54		bc	cir. cum	8	
6				"	ENE.	2			30-48	70	56	53		"	"	8	
7				"	NE.	3			30-48	71	54	50		"	"	9	
8				N by W.	"	3			30-49	70	53	50		"	"	9	
9				NNW.	North.	2			30-49	71	52	48		"	"	8	
10				"	"	2			30-49	69	51	48		"	"	8	
11				North.	NNE.	1			30-49	62	50	47		"	"	8	
Mid.				NW.	NE.	1			30-49	57	49	47		"	"	8	

4-205

under the command of W. H. Mead, Commander, U. S. Navy,
Monday June 13th., 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Muster at 4 A.M.
Clear and pleasant. Gentle breezes from North. Heavy dew.

D. Mestrone
Ensign U.S.N.

4 to 8 A.M.
Clear and fine, gentle to light breze from North. Received in Pay Department 116 lbs fresh beef, 116 lbs vegetables and 93 lbs. bread. Separated to land the battalion for exercise on shore.

W. Roy Mason Field.
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. - barometer 30.04 - breze light to gentle in force from N and NW. - Landed battalion at 8.30, on Long Island for drill as Infantry. - Battalion returned at 11.30. Engineers division fired with sub-calibre.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light and gentle breezes from NW to N.W. Planted target and fired 3" R.L.R. from Sailing-Vessel. Landed the battery of artillery. Firing Navigator's division at sub. calibre.

Mestrone
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer steady - light to gentle breze from N.E. and E.S.E. Veered to 45 fathoms starboard chain - Powder division finished sub calibre practice. - Battery of artillery returned -

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs and breezes from North and N.N.E. and N.E.

M. S. Stone
Ensign U.S.N.

Examined and found to be correct.

Ja. K. Curtis
Lieut Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				N.W.	N.E.	1			30-47	57	50	47		bc.	cir. str.	6	
1				N.N.W.	"	2			30-46	57	50	47		"	"	4	
2				"	"	3			30-46	56	50	47		"	cir. cum.	2	
3				North.	"	3			30-44	55	50	47		"	"	1	
4				N.W.	"	2			30-44	59	50	49		o.c.	cum-nim.	0	
5				W.N.W.	"	2			30-44	59	50	49		bc.	"	1	
6				W. by N.	"	1			30-44	64	52	50		bcm.	str.	1	
7				"	"	1			30-49	66	53	51		"	"	1	
8				W.S.W.	"	2			30-49	67	55	53		"	"	1	
9				E.N.E.	E.N.E.	2			30-49	69	55	53		o.c.m.	cum-nim.	0	
10				N.E. by E.	"	2			30-49	71	56	54		"	"	0	
11				East.	East.	2			30-49	71	56	54		"	"	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 432 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1630 "

Coal consumed during the preceding 24 hours, 1 tons 1010 lbs.

Coal remaining on hand at Noon, 99 " 1680.

P. M.				E.S.E.	E.S.E.	1			30-47	72	56	54		o.cm.	nim.	0	
1				East.	East.	1			30-44	74	57	56		bc.	cc.cum.	2	
2				E.N.E.	E.N.E.	2			30-44	73	57	56		"	"	2	
3				"	"	2			30-44	73	57	56		"	"	4	
4				N.E.	N.E.	1			30-44	75	57	56		"	"	2	
5				"	"	2			30-44	77	58	57		bcmw.	"	4	
6				"	"	2			30-42	75	58	56		"	"	6	
7				"	"	2			30-40	73	57	56		"	"	6	
8				"	"	1			30-39	74	57	56		oc.	cum-nim	0	
9				N.E.	"	1			30-38	69	58	57		"	"	0	
10				North.	"	1			30-39	68	58	57		"	"	0	
11				N.W.	"	1			30-37	65	58	57		"	"	0	
Mid.																	

under the command of W. W. Mead, Commander, U. S. Navy,

Tuesday, June 11th, 1872.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M.

Fair first part, cloudy last part. Light airs to gentle breze from N.E.

W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.

Overcast or cloudy - throughout watch - barometer rising last hour - Light breze and light airs from N.E. Hove in to 15 fathoms starboard chain.

J.T. Newton.
Lieut. U.S.N.

8 A.M. to Meridian.

Cloudy, and misty last part. Light breze from E.N.E. and East. Firing at target with sub-calibre. Sent working party on shore.

Ellistone
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy. Light airs to light breze from E.S.E. to E.N.E. - 2d Division finished sub calibre practice. Crossed topgallant yards Transported sheet anchor. Blacked ship outside. Painted Dingy. Received on Pay Department 116½ lbs. each Beef and vegetables and 93 lbs. Bread. Hove off pat 2nd fish starboard side.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.

Cloudy. Clearing last part. Light airs and breezes from N.E. Secured battery for sea, veered to 45 fathoms on starboard chain.

Ellistone
Ensign U.S.N.

8 P.M. to Midnight

Overcast. Gentle N.E. airs. Hoisted Steam Launch.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W. by W.	Calm.	0			30-36	63	58	57		o.c.	nim	0	
2				"	"	0			30-31	63	58	57		"	"	0	
3				"	"	0			30-29	62	58	57		"	"	0	
4				W. by N.	"	0			30-28	61	58	57		o.c.d.	"	0	
5				West.	W.S.W.	1			30-25	60	57	56		"	"	0	
6				"	"	1			30-24	59	57	56		i.c.m.	"	0	
7				"	"	1			30-24	63	58	56		"	"	0	
8			5.8	W. by S.	S.W.	2			30-24	67	55	54		"	"	0	
9	6	0	11.8		S.S.W.	2			30-24	68	55	54		o.c.d.	"	0	
10				"	"	2			30-23	68	55	54		o.c.N.f.	"	0	
11				W. ¾ S.	"	2			30-22	70	55	54		"	"	0	
Noon.	6	5	18.3	"	"	2			30-18	69	53	53		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 360 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1279 "

Coal consumed during the preceding 24 hours, 4 tons 1130 lbs.

Coal remaining on hand at Noon, 95 " 550

P. M.																	
1	8	4	26-1	W ¾ S.	S.S.W.	3			30-14	69	52	51		o.c.r.	nim.	0	
2	8	3	36¼	"	"	4			30-14	69	51	51		"	"	0	
3	7	8	41-9	"	"	5			30-15	69	50	50		"	"	0	
4	8	0	49-9	W ¾ S	"	4			30-15	70	50	49		"	"	0	
5	5	7	55-16	W. ½ N.													
	1	3	56-9	S.W. ½ N.	"	4			30-16	70	50	49		"	"	0	
6	1	3	58-2	S.W. ½ N.													
	1	0	59-2	" " "	S.W.	3			30-16	69	51	50		l.c.	some nim.	2	
7				W.S.W.	W.S.W.	1			30-18	71	52	51		"	"	5	
8				"	"	2			30-17	73	52	50		"	"	5	
9				West.	"	2			30-16	74	51	50		"	"	4	
10				W.S.W	West.	3			30-16	74	51	50		o.c.r.	"	6	
11				S.S.W	W.S.W.	3			30-16	70	53	52		"	"	0	
Mid.				"	S.W.	3			30-16	66	54	52		"	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,

Wednesday, June 15th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Wm til 4 P.M.

Overcast. Calm. Light drizzle at 3.30. At 3 started fires under three boilers.

Geo. W. Holman
Lieut. U.S.N.

4 to 8 A.M.

Overcast and cloudy. Light rain first part. Misty. Light airs and breeze from N.W. and S.W. At 6.45 brought to Starboard chain and called all hands and got up anchor at 6.54. Started ahead on course West at 7.12; changed course at 7.17 to W. by S. At 7.35 took departure Bellina Pt. bearing N. by W. (mag.) distant 1/2 miles patent log 3. Steaming with three boilers. Average steam 65. Average revolutions 51.1. Draught of ship, forward 13.6, Aft 16.2. midships 15. Let fires die out under distilling boiler.

C. W. Stone
Ensign U.S.N.

8 A.M. to Meridian.

Overcast and raining with occasional fog clouds passing over. Gentle S.S.W. breeze. At 8.43 changed course to S 3/4 W., and hauled in Patent Log reading 11.8. At 9 came to with starboard anchor in 12 1/2 fathoms and veered to 30 fathoms at capstan. Got out target and buoys for gatling gun practice and for riflemen. At 9.20 got underway and exercised gatling gun and riflemen firing at target while underway. At 10.45 finished firing, - picked up target and buoys, and at 11.05 set course W. 7/8 S. patent log 11.8 and went ahead full speed. At 11.20 set fore and aft sail. Patent Log at end of watch 18.3. Steam 60 lbs. Average revolutions 41.

W. O. Stuhlman
Ensign U.S.N.

Meridian to 4 P.M.

Overcast. Raining. Gentle to stiff breeze from S.S.W. Steering a course W. 7/8 S until Flores Island Lt. House bore abeam at 3.20 when the course was changed to W. 7/8 S. Patent Log reading 44. At 1 set fore and aft sail. At 2.25 hauled down flying j.b. At 3.48 sent down topgallant yards and topgallant mast. Sighted a number of steamers and sailing vessels during the watch. Average steam 70 lbs. Revolutions 51.1.

Geo. W. Holman
Lieut. U.S.N.

4 to 8 P.M.

Cloudy. Moderate breeze to light airs from S.S.W. to W.S.W. At 4.40 took in jib and spanker. Changed course as follows, at 4.45 to W 1/2 N. Pat Log 55.6; at 5 to N.W. 1/2 N. P.L. 56.9; and 5.10, to N.W. by N. P.L. 58.2. At 5.15 hauled in Pat Log reading 59.2. At 5 made preparations for Port. Standing into Montevideo. At 5.32 came to with Starboard Anchor in 3 1/2 fathoms water and veered to 45 fathoms. Hauled fires from two after boilers. Draft forward 13 ft. 6 in, Aft 16 ft. 2 in. Midships 15 ft. Bearing at anchor. El Cerro N.W. 1/2 N, Custom Ho. Landing E. 1/4 S.E. by E.

W. O. Stuhlman
Ensign U.S.N.

8 P.M. to Midnight.

Examined and found to be correct.

Overcast. Light rain after 9.30. Gentle to moderate breeze from W. to S.W.

Geo. W. Holman
Lieut. U.S.N.
Le. K. Simms Navigator.
Lieut.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by S.	W.S.W.	3			30-15	66	53	52		v.c.d.	cum.nim.	0	
2				S.E.E.	"	4			30-14	64	52	51		l.c.	cir.cum.	4	
3				S.S.W.	"	4			30-12	62	52	51		"	"	8	
4				S.W. by S.	"	4			30-12	62	51	50		"	"	8	
5				S.W.	"	3			30-12	62	51	50		l.c.	none	10	
6				"	"	3-4			30-15	67	50	48		l.c.	cum.	9	
7				W. by S.	West.	3			30-16	67	49	48		"	"	8	
8				"	"	3			30-17	66	49	48		f.c.m.	"	9	
9				W.S.W.	"	3			30-18	67	51	49		"	"	9	
10				"	"	3			30-18	66	52	50		"	cum.str.	8	
11				W. by S.	"	3			30-18	68	51	49		"	"	8	
Noon.				"	"	4			30-18	69	53	49		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' " .

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 412 gallons.

Water distilled during the preceding 24 hours, 60 "

Water remaining on hand fit for use at Noon, 924 "

Coal consumed during the preceding 24 hours, 3 tons 118 lbs.

Coal remaining on hand at Noon, 91 " 1605.

P. M.																	
1				West	W. by S.	4			30-14	68	53	49		l.c.	cir.str.	5	
2				W.S.W.	W.S.W.	5			30-14	69	55	51		"	"	6	
3				W. by S.	"	4			30-12	70	57	53		"	"	10	
4				S.W. by W.	W. by S.	3			30-11	69	57	54		"	"	10	
5				West	W.S.W.	3			30-11	72	56	52		l.c.	cir.cum.	7	
6				W.S.W.	"	2			30-11	76	55	52		"	"	9	
7				"	South	2			30-12	74	54	52		l.cu.	"	9	
8				S.W. by S.	"	2			30-11	73	54	52		l.cu.	none	10	
9				W.S.W.	"	2			30-13	69	54	50		"	"	10	
10				S.W.	"	2			30-13	66	54	51		"	"	10	
11				W.S.W.	"	2			30-12	65	53	50		"	"	10	
Mid.				S.W.	S.S.W.	3			30-10	63	51	48		l.c.	cir.str.	8	

4-205

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday, June 16., 1870.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences am until 4 P.M.

Cloudy with drizzling rain first hour; clear and pleasant latter part. Gentle to moderate breeze from W.S.W. Steam in one boiler for heating ship.

W. F. Wiener
Lieut. U. S. N.

4 P.M. 8 P.M.

Clear and pleasant. Gentle to moderate breeze from W.S.W. to the West. Transported sheet anchor. Lowered St. Launch. At 7 P.M. loosed sail to sunshine. Executed morning orders. Uruguayan Gunboat "General Artigas" came in and anchored.

W. O. Hulme
Ensign U. S. N.

8 A.M. to Meridian.

Clear and pleasant. Gentle to moderate breeze from West. At 9.30 mustered at quarters. At 9.37 called "Arm and away all boats"; times as follows:- Steam Launch ready 5 min, 10 sec;- Sailing Launch 6 min;- 1st. Cutter 5 min;- 2d. Cutter 5 min, 20 seconds; Whale Boat 5 min, 30 sec.; Gig 5 min 40 sec;- The Commanding Officer adjudged the following punishments:- Shephard H. (Lds) Leaving hammock on Berth Deck,- 1 night watch. Boothby (O.S.) Dirty Bag in Lucky Bag.- 2d class 1 month;- Armistead (Cox) dirty bag in Lucky Bag.- 2d class 1 month;- Rodriguez H. (Lds) Insolence to an Officer,- two hours watch;- Dwyer Patrick (Boy) Drunk on duty - 5 days confinement, bread and water;- Lazarus Marcus (Lds) appropriating an officers articles for his own use,- 3 night watches;- Olson P. (A.B.) and Mahoney J. (O.S.) - Shirking,- remaining in fire room while work was going on on deck;- 3d. class 1 month;- Dwyer James (Lds) using vile language to Master at Arms and refusing to obey his order - confinement 3 days bread and water;- Neal J. (Cabin Cook) having naked light in Store room,- 2d. class 1 month;- and Patrick Dwyer (Boy) was put in confinement the punishment of Jas. Dwyer (Lds) being deferred until the brig shall be available. At 11.30 furled sail. Commenced distilling.

Geo. W. Holman
Lieut. U. S. N.

Meridian to 4 P.M.

Clear and cool; stiff to gentle breeze from W by S. to W.N.W. Distilling.

W. F. Wiener.
Lieut. U. S. N.

4 o'clock to 8 P.M.

Clear and pleasant. Heavy dew after sunset. Gentle to light breeze from W.N.W. to North. Distilling.

Geo. W. Holman
Lieut. U. S. N.

8 P.M. to Midnight.

Clear and pleasant. Moon rose about 11. Light airs to gentle breeze from North to N.N.W. Distilling.

W. F. Wiener.
Lieut. U. S. N.

Examined and found to be correct.

W. K. Mead
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex ,3d. Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky; in 10ths.	State of the Sea.
A. M.																	
1				North	N.W.	4			30-09	60	50	47		fc.	cir str	5	
2				N.N.E.	"	4			30-07	58	50	47		"	"	5	
3				"	"	4			30-07	58	49	47		"	"	6	
4				"	"	4			30-05	58	47	44		"	"	6	
5				N.N.W.	"	4			30-05	58	47	44		"	"	7	
6				"	"	4			30-03	58	46	44		"	"	6	
7				N.W.by N.	"	4			30-03	58	45	43		fair.	cir. cum. str.	4	
8				"	"	4			30-04	59	46	44		"	"	1	
9				N.W.	N.W.by N.	3			30-05	62	48	45		"	"	1	
10				"	"	3			30-08	65	50	47		"	"	2	
11				N.W.by N.	N.N.W.	3			30-07	67	52	49		"	"	2	
Noon.				N.W. by N.	"	3			30-07	69	54	50		"	"	1	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 382 gallons.

Water distilled. during the preceding 24 hours, 2408 "

Water remaining on hand fit for use at Noon, 2930 "

Coal consumed during the preceding 24 hours, 1 tons 1865 lbs.

Coal remaining on hand at Noon, 89 " 1980.

P. M.																	
1				N.E.	N.W.	3			30-03	69	55	52		o.c.	cum. str.	0	
2				E.N.E.	"	3			30-00	61	56	53		"	"	0	
3				N.N.E.	N.N.W.	3			29-99	70	56	53		"	"	0	
4				"	"	3			29-99	71	56	53		"	"	0	
5				N.N.W.	"	3			30-00	76	54	52		fc.	cir. str.	5	
6				N.W.	N.W.	2			30-03	78	54	51		"	"	5	
7				"	"	2			30-03	80	54	52		"	"	8	
8				"	"	2			30-04	78	53	51		"	"	8	
9				N.N.W.	"	2			30-04	76	52	50		fair	none	10	
10				W.by N.	"	2			30-05	74	52	49		fc.	cir. cum.	9	
11				"	"	3			30-05	72	51	49		"	"	9	
Mid.				"	N.W.by W.	3			30-06	71	50	48		"	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday, June 17th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (M) until 4 A.M.
Fair. Moderate breeze from N.W. Distilling.
W. Roy Mason Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Cloudy. Moderate breeze from N.W. At 7.45 sent up topgallant masts and crossed topgallant yards. Received for use of crew 116 lbs. each of fresh beef and vegetables and 93 lbs. bread.
Distilling.
H. Gregg Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy and raw. Misty. Gentle breeze from N.W. by N. to N.N.W. At 9.30 mustered at quarters and had company drills. At 10.30 went to fire quarters 1st stream in 1 min. 46 sec.; 2d. in 1 m. 57 sec.; 3d. in 1 m. 55 sec. (M) 4th. in 3 m. 20 s. By order of Comdg Officer A. Rasmussen O.S. was reduced to 2d. class for one month for impertinence to petty officer in charge of part of ship. By order of Comdg Officer R. Post 1st. class Sppr. was rated to Sea Sppr. 2nd. class from May 17. 1892. Distilling. The Comdg Officer of H.M.S. Beagle paid an official visit.
W. F. Fullam
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast, gentle breeze from N.W. and N.N.W. Stopped distilling.
W. Roy Mason Field.
Ensign U.S.N.

4 to 8 P.M.
Partly cloudy first part, clear latter part. Gentle to light breeze from N.N.W. to N.W.
W. F. Fullam
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine, light to gentle breeze from N.W.
W. Roy Mason Field.
Ensign U.S.N.

Examined and found to be correct.

H. K. Hines
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.W.	N.N.W.	3			30-05	71	48	46		b.cu.	cu.cum.	9	
2				South.	"	3			30-05	69	48	46		"	"	8	
3				East.	"	3			30-05	66	48	46		"	"	9	
4				S.E.	"	2			30-04	62	48	46		"	"	8	
5				E by S.	"	2			30-05	61	47	45		"	"	8	
6				"	"	1			30-05	60	50	48		"	"	9	
7				South.	"	2			30-07	62	49	47		cum.	"	1	
8				W.S.W.	"	1			30-09	66	49	48		"	"	1	
9				S.W.	"	1			30-10	70	50	48		"	"	4	
10				"	"	1			30-11	69	52	51		"	"	4	
11				"	"	1			30-12	68	54	52		"	"	4	
Noon.				W.S.W.	S.E.	1			30-13	68	55	53		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 389 gallons.

Water distilled during the preceding 24 hours, 410 "

Water remaining on hand fit for use at Noon, 2880 "

Coal consumed during the preceding 24 hours, tons 5 15 lbs.

Coal remaining on hand at Noon, 88 " 1165 "

P. M.																	
1				S.S.W.	South.	1			30-14	72	57	55		b.cu.	cu.cum.	5	
2				SE by S.	"	1			30-14	72	54	52		"	"	5	
3				S.E.	S.E.	2			30-14	69	55	53		"	"	3	
4				"	"	2			30-14	70	54	52		"	"	1	
5				"	"	2			30-15	70	52	51		"	"	3	
6				"	"	2			30-16	69	52	51		b.cu.	"	3	
7				E.S.E.	East.	1			30-17	69	53	52		"	"	4	
8				E.N.E.	"	2			30-17	67	54	53		"	"	4	
9				N.N.E.	"	3			30-17	66	54	52		"	"	8	
10				East.	E.S.E.	3			30-18	66	53	51		"	"	6	
11				S.E.	"	3			30-19	66	52	51		"	"	8	
Mid.				"	"	3			30-20	65	51	50		"	"	8	

under the command of W. W. Mead. Commander, U. S. Navy,
Saturday, June 15th, 1872.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mid'nt to 4 A.M.

Clear and cool - gentle to light breeze from S.S.W. barometer steady - Moon rose at 12-20 M. Rodrigues (Ldg) and Marcus Lazarus (Ldg) stood extra watch from 12 to 4 by order Condg Officer.

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.

Clear first part, cloudy latter part. Misty. Light breze and light airs from S.S.W.

W. F. Prime
Lieut U.S.N.

8 A.M. to Meridian.

Fair and pleasant. light airs from S.S.W. hauling to S.E. The Quarterly Board of Survey condemned 2 tins (6 lbs) butter, Wayland, Thurber & Co, contractors. The Condg Officer called officially on H.B.M.S. Beagle.

W. Rey Mason Field
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant - latter part cloudy misty and raw - Barometer steady - Light airs to light breze from S. to S.E.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Fair and pleasant. light airs to light breze from S.E. and E.

W. Rey Mason Field
Ensign U.S.N.

8 P.M. to Midnight

Clear and pleasant - barometer rising - gentle breze from E. and E.S.E.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut. — Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE by E.	SE by E	2			30-20	64	52	57		fair	cir. cumu	8	
2				SE.	"	2			30-20	64	52	50		"	"	8	
3				"	"	2			30-21	63	51	49		"	"	8	
4				"	"	3			30-21	63	51	49		"	"	8	
5				"	SE	3			30-20	62	51	49		"	"	8	
6				"	"	2			30-21	61	52	50		fair	"	4	
7				"	"	2			30-22	60	52	50		"	"	4	
8				"	"	2			30-23	59	51	50		"	"	4	
9				S by E.	"	2			30-26	69	51	50		fog	"	5	
10				South.	"	3			30-27	61	52	51		"	"	6	
11				"	"	3			30-28	67	52	51		"	"	6	
Noon.				S by E.	"	3			30-28	67	52	50		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, " "

Water remaining on hand fit for use at Noon, 2508 "

Coal consumed during the preceding 24 hours, tons ~~1000~~ lbs.

Coal remaining on hand at Noon, 88 tons 165 lbs.

P. M.																	
1				SSE.	SSE.	3			30-27	67	52	51		fair	cir. cumu.	8	
2				"	"	3			30-26	69	52	50		"	"	8	
3				"	"	3			30-26	70	51	49		"	"	8	
4				"	"	4			30-27	72	51	49		"	"	5	
5				SE by S.	"	4			30-26	75	51	49		"	"	6	
6				SSE.	"	4			30-29	76	51	49		"	"	6	
7				"	"	4			30-30	76	51	49		"	"	4	
8				S by E.	"	4			30-31	77	51	49		"	"	6	
9				"	"	3			30-32	76	51	49		"	"	6	
10				"	"	3			30-32	78	51	49		"	"	7	
11				South.	"	3			30-32	76	51	49		"	"	6	
Mid.				"	"	3			30-32	72	51	48		"	"	6	

4-206

under the command of W. H. Mead, Commander, U. S. Navy,

Sunday, June 19th., 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Quntil 4 A.M.

Clear and pleasant. Light and gentle breeze from S.E. & E. M. Lazarus and M. Rodrigues stood extra watch.

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.

Fair and pleasant; gentle to light breeze from S.E. Received in Pay Dept. 108¾ lbs. fresh beef, 108¾ lbs. vegetables and 87 lbs. soft bread.

W. Ry Marr Capt.
Ensign U.S.N.

8 A.M. to Meridian.

Clear and pleasant - barometer rising - light to gentle breze from S.E. At 9.30 quarters - Cond'g. Officer inspected ship and crew - 4 prentices without leave, Miller, Thos. Ord Sea; - Patterson W.R. S. Sp. 2nd class; Cooper Jos. (Ck.); Falvey J.J. (C.); Mead H.J. S. Sp. 2nd class; - Connelly Jno. Sea; - Spear J.H. (C.C.); - Olson C. (Capt Top); - Sahlen C. (Ck.); Conway M. (C.C.); McLain D. (2nd cl. F.) - Kelsey F.A. (S.A. 1 class); Webb A.S. (S. Sp. 1 class). - Boarded American Brigantine - "Harvey". G.W. Bratton returned 1¼ hours overtime.

J.T. Newton
Lieut U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Gentle and moderate breezes from S.S.E. A.S. Webb (S.A. 1 class) returned on board 5½ hours over-time; sent liberty party on shore.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.

Cloudy and pleasant; - barometer steady; - moderate breeze from S.S.E.

J.T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.

Fair. Gentle breezes from S.S.E.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

L. K. Lemmon
Lieut - Navigator.

4-265

LOG of the UNITED STATES Steamer Essex , 3d. Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				Sly E.	SE	4			30-31	70	50	48		bar	none	10	
2				"	"	3			30-31	68	49	48		"	"	10	
3				South	"	3			30-31	67	49	48		bc	cir. str.	5	
4				"	South	3			30-30	66	50	48		"	"	8	
5				SSE	SSW	3			30-30	64	50	47		"	"	9	
6				"	"	3			30-30	62	52	40		"	"	8	
7				"	"	2			30-31	68	50	48		"	"	9	
8				"	"	2			30-32	70	50	48		"	"	8	
9				SSW	"	3			30-34	71	51	48		"	"	9	
10				WSW	"	3			30-36	71	51	49		"	cir. cumu	8	
11				W by N	"	3			30-35	76	53	51		"	"	8	
Noon.				W by S	"	3			30-36	77	51	49		hzy	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 416 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2092 "

Coal consumed during the preceding 24 hours, tons 1600 lbs.

Coal remaining on hand at Noon, 87 " 805

P. M.																	
1				WSW	WSW	2			30-35	75	52	49		bc	cir cumu	9	
2				"	"	2			30-35	74	53	50		"	"	9	
3				"	"	2			30-34	68	54	50		"	"	9	
4				"	"	2			30-35	69	53	51		"	"	6	
5				Sly E	"	2			30-35	69	55	52		"	"	4	
6				SE	NNW	1			30-34	74	54	52		bc	none	10	
7				"	"	1			30-35	74	53	51		"	"	10	
8				"	"	2			30-35	71	50	48		"	"	10	
9				W by S	"	3			30-37	69	52	49		"	"	10	
10				WNW	"	3			30-38	69	51	48		"	"	10	
11				"	"	3			30-39	69	51	48		"	"	10	
Mid.				"	"	3			31-39	68	50	47		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,

Monday, June 20th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mod. to (4 A.M.

Clear. Moderate to gentle breeze from S.S.E. to the South.

W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.

Clear and pleasant - barometer steady - gentle to light breeze from S.S.W. - At 8 dressed ship rainbow - English Ensign at main, in honor of the accession of Queen Victoria to the throne. F.A. Kelsey returned 2 4 hours over-time. At 7.40 A.M. Gunboat Basilisk, in the offing, firing probably at target. Received in Pay Department, 101 lbs. fresh beef - 101 lbs. vegetables - 8 lbs soft bread.

J.T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and pleasant: gentle breezes from S.S.W. At 9.30 mustered at quarters the following men were absent without leave - Miller J (O.S.) Patterson W.R. (Sea. 2 cl) - Cooper Jas (Ck.) Falvey J. (Ck.) Mead M. (S.Q. 2 cl) - Connelly J (Sea) Spear J.F. (Capt. T.C.) - Olsen C. (Capt. Top) - Sahlen C (Ck.) - Conway M (Cox.) - McLain D (2 cl F.) - Noon P. (2d. cl F.) Exercised divisions as follows, 2nd company artillery 3rd company infantry, pioneers gatling gun. Received in Construction and Repair Dept. - 6 boat hooks and 35 Jacob ladder rungs. The Condg. Officer awarded the following punishment Fehon O.S. (S.A. 1 cl) 4 hours overtime, - 2nd class 1 month. - Gibbons J (Sea). 12 hours overtime; 2nd class 1 month; - O'Donnell J. (Sea) 12 hours over-time - 2nd class 1 month. - Kelsey F.A. (Sa. 1 cl), 24 hours overtime, 3rd class 1/2 months. - Webb A.J. (Sa. 1 cl). - 5 hours overtime - 2nd class 1 month; - Bratton G.W. (Oiler) 1/4 hours overtime - 1 week 2nd class; - Stow E. (Lamp Trr), 1 hour overtime - 1 week 2nd class. - J. Rogers (Ck.) was placed under the sentry's charge until he becomes sober, by order of the Condg Officer. - H.M.S. Basilisk came into the harbor and anchored.

C.W. Stone
Ensign U.S.N.

Meridian to 4 P.M.

Clear. Light W.S.W. breezes. At 1.30 exercised 2nd Company at setting up and Reserve at infantry.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.

Fair first part, clear and pleasant last part. Light airs and breezes from W.S.W. and N.N.W. C. Olsen (C.T.) and J. Spear (C.T.) returned on board 35 hours overtime.

C.W. Stone
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Gentle breeze from N.W.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

L.M. Garrison
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd. Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	N.N.W.	1			30-38	66	50	47		b.cw.	cir cum	9	
2				N.N.E.	"	1			30-38	65	48	46		"	"	9	
3				North.	North.	1			30-37	65	45	43		"	"	9	
4				"	"	1			30-37	63	46	44		"	"	9	
5				S.W.	"	3			30-37	61	46	44		b.cw.	none	10	
6				S.S.E.	W.N.W.	3			30-37	59	45	43		b.cw.	cir.	9	
7				"	"	2			30-37	54	45	44		b.cw.	cir cum	6	
8				S.W.	"	3			30-38	60	42	41		"	"	6	
9				N.W.	N.N.W.	2			30-42	63	45	43		"	cir str	9	
10				W by N.	West.	2			30-45	70	47	45		b.c.	-	8	
11				"	"	3			30-46	77	51	49		"	"	8	
Noon.				West.	"	3			30-46	80	52	49		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 408 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1684 "

Coal consumed during the preceding 24 hours, 1 tons 1460 lbs.

Coal remaining on hand at Noon, 85 " 1585.

P. M.																	
1				West.	West.	3			30-43	74	52	49		b.c.	cir cumst	8	
2				"	"	3			30-40	69	53	50		"	"	8	
3				"	"	3			30-39	69	54	50		"	"	8	
4				"	W by N.	3			30-38	70	53	50		"	"	8	
5				S.W.	West.	2			30-37	70	54	51		"	"	5	
6				South.	"	2			30-35	65	52	50		"	"	9	
7				"	"	2			30-34	64	52	50		"	"	9	
8				"	"	2			30-33	64	53	51		"	"	9	
9				West	W by N.	3			30-33	65	53	51		"	"	9	
10				NW	NW	2			30-33	68	52	50		"	"	9	
11				W.N.W.	"	3			30-33	68	51	49		"	"	9	
Mid.				"	"	3			30-32	64	49	47		"	"	9	

4-66

under the command of W. W. Mead, Commander, U. S. Navy,

Tuesday, June 21st, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mn until 4 A.M.
Clear and pleasant. Heavy dew. Light airs from N.W. to North.

Jurgs Lt W Johnson
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant first two hours, fair last two. Light and gentle breeze from North and W.N.W. Executed morning Quarters. The following men returned from liberty over time Jn Cooper (Ck) - W.J. Mead (S.A. 2 cl) Jas Connelly (Sea) all 76 hours and C. Sahlen (Ck), 48 hours overtime Jn. Cooper (Ck), was placed in double irons by order of Comdg Officer for 7 days, for disobedience of orders.

C. Clarione
Ensign U.S.N.

8 A.M. to Meridian.
Clear. Light to gentle breeze from N.N.W to the West. At 9.30 mustered at quarters. Absent without leave Miller Thos. D. Patterson 10 (S.A. 2 class) - Falvey J.J. (Ck); - Conway M. (C.C.); McLain D. (2nd cl. F.) - Noon P. (2nd cl. F.). The Commanding Officer awarded the following punishments, viz; - Cingree J. (Ck) - Disobedience of orders - refusing to leave Fire Room when ordered to go on deck. "Light from liberty, - Confinement for 5 days on bread and water; - Connelly Jno (Sea) 76 hours overtime - 4th class, 3 months and $2.50 Monthly Money; - Mead W. (S.A. 2 cl) 76 hours overtime - 4th class, 3 mos. and $2.50 Monthly Money; - Spear J.H. (C. & C.), 35 hours overtime 4th class 2 mos; - Olsen C. (Capt. Top.), 35 hours overtime, 4th class 2 months; - Sahlen C. (Ck) 48 hours overtime, 4th class 2 months. By order of Comdg Officer - P. Dwyer (Boy), was released from confinement, his term having expired and Jas. Dwyer (Ld) was placed in confinement for 3 days on bread and water. At 9.35 called all hands and exercised making, reefing and taking in sail; Leaving sails loosed to a buntline at end of exercise. Boarding officer from H.M.S. Rugle came on board to express thanks for our having dressed ship yesterday.

W.O. Hulme
Ensign, U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle breeze from West to W by N. At 1 called away all boats; times as follows. 1st Launch ready 3 minutes, 40 seconds; Sailing Launch, 6 min. 45 sec; - 1st Cutter 4 min 40 sec; - 2nd Cutter 4 min 50 sec; - Whale Boat 2 min. 30 sec; - Gig 2 min 30 sec; - Exercised the boats in flotilla tactics under oars; - Served out clean hammocks; - Paid prizes for target shooting. The Sirius came in. Sent a liberty party ashore. Furled sail.

Jurgs Lt W Johnson
Lieut. U.S.N.

4 to 8 P.M.
Clear. Light breeze from the West. M. Conway (C.C.) returned on board having been absent without leave 59 hours.

W.O. Hulme
Ensign, U.S.N.

Examined and found to be correct.

8 P.M. to Midnight.
Clear and pleasant. Gentle breeze from W by S. to N.W.

Jurgs Lt W Johnson
Lieut U.S.N.
~~Navigator.~~

L.K. Curtis
Lieut. & Navigator

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				W.N.W.	W.N.W.	3			30-32	62	48	46		b.w.	none	10	
1				"	"	3			30-30	62	49	47		"	"	10	
2				"	"	3			30-29	61	48	46		"	"	10	
3				"	"	3			30-27	59	47	46		b.w.	cir. cum.	9	
4				W.N.W.	"	3			30-27	60	49	47		"	"	8	
5				W.	West	3			30-27	59	49	47		"	"	8	
6				"	"	3			30-27	61	49	47		b.c.	"	7	
7				"	W.S.W.	3			30-28	67	48	47		b.c.m.	"	6	
8				"	"	3			30-26	64	48	46		b.c.	"	6	
9				"	"	3			30-28	69	49	46		"	"	7	
10				S.W.by W.	"	3			30-29	68	49	47		"	Cir. Cum & Str.	7	
11				W.S.W.	"	3			30-29	71	50	48		"	"	7	
Noon.				"	"	3											

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1316 "

Coal consumed during the preceding 24 hours, tons 2100 lbs.

Coal remaining on hand at Noon, 84 " 1725.

P. M.																	
1				W.S.W.	W.S.W.	3			30-30	76	50	46		b.c.	cir. cum.	8	
2				"	"	2			30-30	76	49	47		"	"	8	
3				S.W.	S.W.	4			30-30	71	49	47		"	"	1	
4				S.S.W.	S.W.by S.	3			30-31	73	49	47		"	"	1	
5				S.W.	S.S.W.	3			30-31	71	49	47		"	"	5	
6				South.	S.W.by S.	3			30-31	70	50	48		"	"	4	
7				S.by E.	S.S.W.	3-4			30-32	67	52	50		b.p.g.	m.cu.nim.	3	
8				"	S.by E.	3-5			30-32	68	49	47		b.c.	cir.cum.cir	4	
9				"	South.	4			30-34	71	48	46		"	"	6	
10				South	"	4			30-36	71	48	46		"	"	9	
11				"	"	4			30-36	70	47	45		"	"	7	
Mid.				"	"	4			30-36	70	48	46		"	"	7	

4-266

under the command of W. W. Mead, Commander, U. S. Navy,

Wednesday June 22, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Muster at 8 A.M.

Clear and damp. Gentle breeze from W. to N.W.

F. H. Wilner
Lieut. U.S.N.

4 to 8 P.M.

Clear. Gentle breeze from the West to S.W. Received in Pay Department, 108 3/4 lbs. each of Beef and Vegetables and 87 lbs. Bread. Patterson W.R. (Sea. 2cl.) - returned on board having been absent without leave 108 hours.

W. O. Wulwe
Ensign, U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Gentle breeze from W.S.W. At 9.30 mustered at quarters; - absentees without leave; - Miller Thos O.S. - Falvey J. (C.T.); - McLain D. (2d cl. F.); - Troon P. (2d cl. F.) - Newman J.G. (Boyman). Had battalion drill. The Commanding Officer adjudged the following punishments, Kelley F.A. (U.S.A. 1cl.) delaying boat, - 2nd class, 10 days; - Patterson W.R. (Sea. 2cl.), 118 hours overtime - 4th class 3 months and $2.50 Monthly Money - Conway M. (Cook) 59 hours overtime - 4th class 3 months and $2.50 Monthly Money. - Behn W. (Private M.C.) Clothes in Lucky Bag - 2d class, 10 days. The Commanding Officer paid official visits to the Sirius, Basilisk and Beagle. - Shifted fires for heating to the port forward boiler.

Jno. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Clear first part, cloudy latter part. Light to moderate breeze from W.S.W. to S.W. by S. Cold. Received in Equipment Department, 4 yds. 7/8 Cotton Canvas, 4 yds. 3/4 Cotton Canvas, 2 sides Rolled Leather, 1 side Rigging Leather. - In Gun & Repair Dept. 6 Chisels, and 2 Carpenters pencils. - Engineers Dept. 2 7/8 lbs. Iron - Pig iron, 4 ingots, 3 knife edge files, 3 round files, 2 spring rocks. F. H. Wilner

Lieut. U.S.N.

4 o'clock to 8 P.M.

Unsettled weather. Gentle breeze from S.W. by S. to S.S.W. first part of watch, backing to S by E latter part, with moderate to stiff squalls. A passing shower at 7. Heavy masses of clouds passing over

Jno. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and cold. Moderate breeze from South.

F. H. Wilner
Lieut. U.S.N.

Examined and found to be correct.

H. K. Benson
Lieut. - Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	South	5			30-38	71	48	45		b.c.g.	pum. str.	8	
2				"	"	5			30-38	68	48	45		"	"	8	
3				"	"	5			30-38	66	47	44		"	"	6	
4				"	"	4			30-38	65	47	44		"	"	6	
5				S by E.	"	3-4			30-39	64	47	44		"	pum. nimb.	7	
6				South.	"	3-4			30-40	54	47	44		"	"	6	
7				S by E.	"	3-4			30-41	62	47	44		o.c.	"	0	
8				"	S by E.	3-4			30-45	64	47	44		b.c.d.	"	1	
9				"	South.	4			30-47	65	48	48		b.c.	cir. cum.	4	
10				"	S by E.	4			30-51	68	49	45		"	"	4	
11						4			30-52	67	49	46		"	"	4	
Noon.				S by W.		4			30-54	73	49	46		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 361 gallons.

Water distilled during the preceding 24 hours, 233 "

Water remaining on hand fit for use at Noon, 1248 "

Coal consumed during the preceding 24 hours, tons 2000 lbs.

Coal remaining on hand at Noon, 83 " 1965 "

P. M.																	
1				South	South	4			30-52	72	49	46		b.c.	cir. cum.	6	
2				"	"	4			30-52	72	49	46		"	"	7	
3				"	"	3			30-53	73	49	44		"	"	7	
4				"	"	3			30-54	71	49	46		"	"	7	
5				"	"	3			30-56	72	48	45		"	"	5	
6				S.S.E.	S by E.	3			30-56	71	48	45		"	"	7	
7				"	"	3			30-57	70	49	47		"	"	7	
8				"	"	3			30-58	64	49	47		"	"	8	
9				S E by S.	S.S.E.	4			30-60	70	49	47		"	"	7	
10				S.S.E.	"	3			30-61	70	49	47		"	"	7	
11				S by E	"	3			30-62	70	49	46		"	"	8	
Mid.				South.	"	3			30-62	68	48	45		"	"	8	

under the command of W. W. Mead, Commander., U. S. Navy,
Thursday June 23rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Fair and pleasant. Stiff to moderate breeze from S. Steam up for heating.

W. Ry Mason Field.
Ensign U.S.N.

4 to 8 A.M.

Cloudy. Gentle to moderate breeze from South to S by E. Sent steam launch engine below for repairs. Thos. Miller (O.S.) returned aboard 144 hrs. over time

Geo. Flod Coleman
Lieut. U.S.N.

8 A.M. to Meridian

Partly cloudy and cold. Moderate breze from South to S by E. At 9.30 went to Evening quarters 1st division ready in 1m 47s; 2d in 2m 20s; 3d in 1m 50sec; Navigators 1m 45sec. Powder 3m 10sec. Engineers 55sec; Pay 1m 30sec; Surgeons 25s; Marine Guard 1m 15s; J. J. Falvey (Ch)- D. McLain (2cl) P. Stone (2cl) J. Kerwin (Baymen), absent without leave. By order of Cmdg Officer Thos Miller (O.S.) was reduced to 4th class, 3 months $2.50 Monthly Money for overstaying leave 144 hours, Started distilling. Tested flood cocks-

F. A. Traine
Lieut. U.S.N.

Meridian to 8 P.M.

Fair and pleasant. Moderate to gentle breeze from South. Sent liberty party ashore.

W. Ry Mason Field.
Ensign U.S.N.

4 to 8 P.M.

Generally clear and pleasant. Gentle breze from South to S by E. Distilling.

F. A. Traine
Lieut. U.S.N.

8 P.M. to Midnight

Clear and pleasant. Moderate to gentle breze from S. to E.

F. W. Ry Mason Field
Ensign U.S.N.

Examined and found to be correct.

Le. K. Courts
Lieut., Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.W.	South.	3			30-61	66	48	47		bc.	cir. cum.	5	
2				"	"	3			30-62	65	48	46		"	"	5	
3				"	"	3			30-61	64	48	46		"	"	5	
4				South.	"	3			30-62	64	48	46		o c	"	0	
5				"	S.S.E.	3			30-62	62	49	46		b.c.	cir. cum.	6	
6				S by E	"	3			30-62	62	49	47		"	"	4	
7				S.S.E.	"	3			30-60	62	49	47		"	"	4	
8				S.E.	S.E.	2			30-66	65	50	47		"	"	2	
9				"	"	2			30-67	66	51	49		"	"	5	
10				"	"	3			30-71	70	52	50		"	"	2	
11				S.S.E.	South.	2			30-72	69	52	50		"	cir. cum	5	
Noon.				South.	"	1			30-71	72	53	51		"	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 367 gallons.

Water distilled. during the preceding 24 hours, 2319 "

Water remaining on hand fit for use at Noon, 3200 "

Coal consumed during the preceding 24 hours, 1 tons 1760 lbs.

Coal remaining on hand at Noon, 82 " 205

P. M.																	
1				South	S by E.	3			30-70	71	52	50		bc.	cir. cum	2	
2				S.S.W.	South	2			30-69	70	52	51		"	"	6	
3				S by W.	"	2			30-69	72	52	51		"	"	7	
4				"	"	2			30-69	78	52	50		"	"	7	
5				"	"	2			30-67	70	53	51		"	"	6	
6				"	"	1			30-79	74	53	51		b.c.w.	"	8	
7				S.S.E.	"	1			30-70	73	51	50		"	"	9	
8				S.E.	S.E.	1			30-70	72	52	51		"	"	7	
9				"	"	1			30-71	71	53	52		b.c.	more	10	
10				"	"	1			30-71	70	53	52		"	"	10	
11				"	"	1			30-71	68	53	51		"	"	10	
Mid.				"	"	1			30-71	67	52	50		"	"	10	

under the command of W. W. Mead. Commander, U. S. Navy,
Friday, June 24th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear overcast last hour, barometer steady, Gentle breeze from S.

J. T. Newton
Lieut. U.S.N.

4 to 8 AM.
Partly cloudy, pleasant weather. Gentle to light breeze from S.E. to S.E. Received 1114 lbs. fresh meat, 1114 lbs vegetables and 89 lbs bread in Pay Dept. — Patk. Noon (2.cl.F.) and J. Stevenin (Baymen). returned on board 96, and 48 hours overtime — Distilling

W. [illegible]
Lieut. U.S.N.

8 AM. to Meridian.
Fair and pleasant, light airs to gentle breeze from S.E. and S. Mustered at quarters and exercised at sail drill. The Condy Officer awarded the following punishments, - Flaherty T.J. (Boy) drunk on duty, noisy and disrespectful to Superior Officer — Confinement 3 days, bread and water; Wm. Lain 2.cl.F. 18½ hours overtime, — 4th class 3 months and $2.50 Mo. Money: — Noon P. 2.cl.F. 96 hours overtime — 4th class, 3 months and $2.50 Monthly Money, — Herwin J.G. Bayman) disobedience of orders and 48 hours overtime, 7 days double irons and 4th class 2 months — Released Jas Dwyer (Ss) from confinement.
Condy Officer. Rmd. Sirius called officially. Fires up for heating.

W. Rayhaem Field.
Ensign U.S.N.

Meridian to 4 PM.
Cloudy - clearing after 1 — barometer steady - gentle to light breeze from S. by E. and S. — At 1 fire quarters, 1st steam, 55 seconds; 2d minute; = 3d. Steam 1m 25sec; = 4th Steam 1m 50 sec. Abandoned ship immediately after — 11 minutes, - Sent down royal yards. Received in Engineers Dept, 2 steel wire brushes. — Received in Equipment Dept. 27 lbs. cod line - 40 yds. cotton canvas #4.

J. T. Newton
Lieut U.S.N.

4 to 8 PM.
Fair and pleasant, light breze to light airs from S. Fires up for heating.

W. Rayhaem Field
Ensign U.S.N.

8 PM. to Midnight.
Clear and pleasant - barometer steady - light airs from S.E. J. Kaloy (C.B.) returned on board 6 days 12 hours overtime. The Italian gunboat Sebastiano Venero anchored in outer harbor.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

H. K. Curtis
Lieut. Navigator.

4-365

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	N.N.W.	2			30-71	65	51	48		b.c.w.m.	cir. cum.	9	
2				W.N.W.	North.	2			30-71	64	49	47		b.c.w.f.	"	7	
3				"	"	2			30-71	62	47	45		"	"	6	
4				"	N.E.	2			30-70	62	46	45		"	"	6	
5				N.W. by W.	"	2			30-69	61	46	45		"	"	6	
6				"	"	1			30-69	59	45	43		"	"	6	
7				W.N.W.	"	1			30-69	57	45	44		o.c.f.w.	none	0	
8				N.W. by N.	"	1			30-69	56	45	44		"	"	0	
9				S.E.	"	1			30-72	60	47	45		"	"	0	
10				E.S.E	"	1			30-74	65	46	45		b.c.f.	cir. cum	6	
11				"	N.E.	1			30-76	71	51	48		b.c.m.	"	7	
Noon.				East	E.N.E.	2			30-75	74	52	49		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2832 "

Coal consumed during the preceding 24 hours, tons 1500 lbs.

Coal remaining on hand at Noon, 81 " 945.

P. M.																	
1				E.S.E.	E.S.E.	2			30-74	72	50	51		b.c.	cir. cum	8	
2				"	"	2			30-73	71	53	51		"	"	8	
3				"	"	2			30-72	70	53	51		"	"	8	
4				E by S.	East.	3			30-71	69	53	50		"	"	6	
5				"	"	3			30-69	61	52	50		"	"	6	
6				"	"	3			30-68	69	51	49		"	"	7	
7				"	"	3			30-69	70	51	49		"	"	8	
8				"	"	3			30-70	70	51	50		"	"	9	
9				"	E.N.E.	3			30-70	69	52	51		b.c.w.	"	9	
10				East.	"	3			30-70	72	52	51		"	"	9	
11				"	"	3			30-70	72	51	49		"	"	9	
Mid.				E.N.E.	"	3			30-70	72	50	48		"	"	9	

under the command of W. W. Mead Commander, U. S. Navy,

Saturday June 25th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant - foggy - Light breezes from N.N.W. to N.N.E.

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Dense fog - light breeze to light airs from N.N.E.
Fires up for heating.

W. Rg Mason Field.
Ensign U.S.N.

8 A.M. to Meridian.
Thick fog till 10 - bright and pleasant rest of watch - Barometer high and rising - light airs to light breeze from N.N.E., N.E., E.N.E. Received in Engineer's Dept. - 243 lbs - grate bar castings for steam launch. Condg. Officer adjudged the following punishment - J. J. Foley (C.H.), 6 days 12 hrs. overtime - and fight from liberty - reduced to 4th class for 3 months and $2.50 Monthly Money. Boarded Italian gunboat Sebastiano Venier.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light and gentle breezes from E.S.E. and East. Fired bedding. The Comdg. Officer of the Italian gunboat Sebastiano Venier called on board officially. The Uruguayan gunboat General Artigas got under way and stood out of harbor. Sent liberty party on shore

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer falling slowly - gentle breeze from E. Enlisted for Cruise William James Oates as landsman by order of Commanding Officer.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant - gentle breezes from E.N.E.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 2d Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	E.N.E.	3			30-69	70	50	48		bw.	none	10	
2				N.N.E.	N.E.	3			30-69	68	50	48		"	"	10	
3				N.N.W.	"	3			30-69	65	49	47		"	"	10	
4				N.E.	N.N.E.	3			30-66	62	49	47		"	"	10	
5				N by W.	N.E.	3			30-64	61	48	46		"	"	10	
6				"	"	2			30-65	61	49	47		"	"	10	
7				N.E by N.	"	2			30-66	64	45	44		bc.	cir cl.	8	
8				N.E by E.	E.N.E.	3			30-67	60	47	45		bcm.	cir cumst.	5	
9				E by N.	"	3			30-66	66	49	46		bc.	cir cum	6	
10				East	"	3			30-69	72	51	49		"	"	6	
11				E.N.E.	N.E.	4			30-70	70	55	51		"	"	4	
Noon.				"	N.E by N.	4			30-68	70	56	52		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 388 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2444 "

Coal consumed during the preceding 24 hours, tons 1700 lbs.

Coal remaining on hand at Noon, 50 " 1485

P. M.																	
1				N.E by E.	N.E by N.	5			30-65	70	57	51		bc	cir cum	5	
2				"	N.N.E.	5			30-63	70	56	51		"	"	2	
3				N.E. by N.	"	4			30-60	69	56	51		"	"	3	
4				"	N.E.	4			30-59	67	56	52		"	"	3	
5				North.	"	3			30-57	67	56	52		o.c.	"	0	
6				"	"	4			30-57	66	55	52		bc	"	2	
7				"	E.N.E.	3			30-58	65	54	51		"	"	4	
8				N.E.	NE	3			30-58	65	53	50		bc m	"	4	
9				East	N.N.E.	3			30-57	64	52	50		"	cum nim	2	
10				E.N.E.	"	3			30-57	63	52	50		"	"	2	
11				"	"	4			30-56	62	51	49		"	"	3	
Mid.				"	"	4			30-55	61	51	49		"	"	4	

under the command of W. W. Mead. Commander, U. S. Navy,
Sunday June 26th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Gentle breeze from E.N.E. to N.N.E.
W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. barometer rising. gentle to light breeze from N.E. and E.N.E. Received in Pay Dept. - 116 lbs fresh beef. 116 lbs fresh vegetables - 93 lbs soft bread.
J.T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Partially cloudy. Gentle and moderate breeze from E. by N. to N.E. by E. At 9.30 inspected ship's crew at quarters. An Uruguayan Officer called on board to present thanks for half-masting colors yesterday.
C.M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy. Stiff to moderate breeze from N.N.E. to N.E.
W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Cloudy. Gentle and moderate breeze from N.E. to E.N.E.
A.M.S. Beagle left the harbor.
C.M. Stone
Ensign U.S.N.

8 P.M. to Midnight
Cloudy. Gentle to moderate N.N.E. breeze.
W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

H. K. Hewett
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E by E	N.N.E.	4			30-54	60	51	49		bc.	cir cum	4	
2				N.E.	"	4			30-53	60	51	49		"	"	4	
3				N E by N	"	4			30-53	60	51	48		"	"	3	
4				N by E.	"	4			30-52	60	50	48		"	"	2	
5				"	"	4			30-52	59	50	48		"	"	2	
6				"	"	4			30-51	58	50	48		"	"	3	
7				N.N.E.	"	4			30-51	59	50	48		"	"	3	
8				"	"	4			30-53	61	57	52		"	"	4	
9				N.E.	"	5			30-54	72	58	53		"	"	4	
10				"	"	5			30-54	74	59	53		"	"	5	
11				"	North.	5			30-54	75	59	53		"	"	5	
Noon.				"	"	6			30-54	75	59	53		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 397 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2047 "

Coal consumed during the preceding 24 hours, tons 1900 lbs.

Coal remaining on hand at Noon, 165 " 1825 "

P. M.												
1			NE	N.N.E.	5	30-52	72	59	55	bc.	cir cum	4
2			N.NE.	"	4	30-49	71	59	54	"	"	5
3			"	"	4	30-48	72	60	55	"	"	5
4			"	North.	3	30-47	71	60	55	"	"	5
5			N by E.	"	2	30-48	70	59	55	"	"	4
6			NW by N.	"	1	30-48	69	59	55	"	"	4
7			West.	"	1	30-48	66	57	54	"	"	7
8			W.N.W.	"	2	30-48	65	55	52	"	"	9
9			NW	"	3	30-48	64	55	52	"	"	9
10			N.NW	"	3	30-48	65	55	51	"	"	7
11			E by N.	"	3	30-48	63	54	51	"	"	9
Mid.			"	"	3	30-47	62	53	50	"	"	9

4-205

under the command of W. W. Mead Commander, U. S. Navy,
Monday, June 27th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy. Moderate breeze from N.N.E.

Jno. L. W. Holman
Lieut U.S.N.

4 to 8 A.M.
Cloudy. Moderate breeze from N.N.E.—Began coaling ship. At end of watch had taken in about 24 tons. Draught before coaling: forid 13-7 Amidships 14-7. Aft 15-10.

Clendone
Ensign U.S.N.

8 A.M. to Meridian.
Fair. Fresh breeze from N.N.E., to the North. Reed in Pay Dept. 116¼ each Beef and vegetables and 93 lbs Bread. Coaled ship having received on board 86 tons— Draft forid 13 ft 8 in. Amidship 15 ft. Aft. 16 ft. 4 in. Officer from H.M.S. Beagle came on board to ask us to dress ship tomorrow.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Fair. Stiff to gentle breeze from N.N.E. to North. The Commanding Officer paid an official visit to the Sebastiano Veniero The Magpie came in. The Sirius went out and stood up the coast Sent a liberty party ashore.

Jno. L. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy first part, clear last part. Light breeze to light airs from the North.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight
Clear and pleasant. Gentle breeze from North.

Jno. L. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 2nd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E by E	North	3			30-47	61	53	51		t.c.	cir. cum.	9	
2				"	"	3			30-46	61	52	50		"	"	9	
3				N.N.W.	"	3			30-47	62	52	50		t.o.w.	"	8	
4				"	"	3			30-46	62	51	49		"	"	7	
5				N.W by N.	"	2			30-45	61	50	48		"	"	8	
6				N.W. by W.	"	1			30-45	57	51	48		"	"	8	
7				"	"	2			30-45	58	46	44		ban.	"	6	
8				N.W.	"	2			30-47	61	47	46		"	"	8	
9				W.N.W.	"	1			30-50	64	50	48		"	"	7	
10				South	E.N.E.	1			30-51	67	53	51		"	"	7	
11				"	N.N.E.	1			30-51	67	56	53		"	"	6	
Noon.				S.S.E.	S.S.W.	1			30-50	71	56	53		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 393 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1654 "

Coal consumed during the preceeding 24 hours, 1 tons 60 lbs.

Coal remaining on hand at Noon, 164 " 1765.

P. M.																	
1				S.E.	S.W.	1			30-50	70	56	54		b.c.w.	cir. str.	4	
2				"	"	1			30-48	70	56	54		"	"	4	
3				E.S.E.	S.E.	1			30-47	70	54	52		"	"	4	
4				East	E.S.E.	1			30-47	71	54	52		"	"	4	
5				E by N.	"	2			30-46	75	55	52		"	"	4	
6				S by W	N.E	2			30-46	73	55	53		"	"	3	
7				N.W. by W.	South	1			30-47	72	56	54		b.c.w	"	4	
8				W by N.	Calm	0			30-47	71	55	53		"	"	8	
9				"	"	0			30-48	70	55	53		"	"	8	
10				S.S.W.	"	0			30-48	69	54	52		"	"	7	
11				E by S.	"	0			30-48	69	54	52		"	"	8	
Mid.				E.S.E.	N.NW	1			30-47	68	54	52		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday June 28th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended 4 A.M.
Clear and pleasant. Damp. Gentle breeze from North.
Steam in one boiler for heating ship
J. H. Ferguson
Lieut. U.S.N.

4 to 8 A.M.
Clear. Light airs to light breeze from the North. At 6 dressed ship with English flag at main.
W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian
Hazy. Pleasant. Light airs from between North and E.N.E., first part and from S.S.W. last hour. At 9.30 mustered at quarters and had divisional drill. Engaged in strapping shell. Whipped in after davit of sailing launch to straighten it. Inspected dry-gun-cotton. The Sebastiano Veniero went into dry dock. The Commanding Officer of the Basilisk came aboard to pay farewell visit prior to a cruise to the Northward. By order of the Commanding Officer, J. M. Cooper (CH.) was released from confinement.
Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Partly cloudy, pleasant weather. Light airs from S.W. to E.S.E. Hazy. Exercised Marines and Pioneers at setting up drill. Boatswain's gang at work on new awning. Replaced after davit of Sailing Launch. Inspected wet gun-cotton. An officer from H.M.S. Magpie returned thanks for dressing ship.
J. H. Ferguson
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clearing. Hazy. Heavy dew after sunset. Light airs and breezes varying in direction from between N.E., to South.
Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Heavy dew. Calm and light airs from N.N.W.
J. H. Ferguson
Lieut. U.S.N.

Examined and found to be correct.

G. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway..	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E	N.N.E.	1			30-46	65	53	51		b.w.	none	10	
2				"	East	1			30-44	65	53	51		"	"	10	
3				East	N.E.	2			30-44	64	53	50		"	"	10	
4				"	"	1			30-44	64	52	50		"	"	10	
5				"	"	2			30-45	64	51	49		"	"	10	
6				N.N.W.	"	2			30-44	65	51	49		"	"	10	
7				NW by N.	"	2			30-45	66	51	49		b.w.	"	10	
8				W by N.	"	1			30-47	68	48	47		"	"	10	
9				W.N.W	N.NE.	1			30-50	70	48	47		b.w.	cir cum	8	
10				NW	"	1			30-51	69	53	51		"	"	9	
11				—	S.E.	1			30-51	66	55	53		"	"	8	
Noon.				S.S.E.	"	1			30-50	72	56	54		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1282 "

Coal consumed during the preceding 24 hours, 1 tons 1305 lbs.

Coal remaining on hand at Noon, 163 " 1305

P. M.																	
1				S.E.	S.E.	1			30 48	71	57	54		b.w.	cir. cum.	8	
2				"	East.	1			30 48	70	59	56		"	"	8	
3				E by S	"	2			30-43	69	59	56		"	"	9	
4				"	"	2			30-41	65	59	56		"	"	8	
5				N.E.	E by N.	2			30-41	66	57	54		"	"	6	
6				E.N.E.	E.N.E.	2			30-41	65	55	53		"	"	4	
7				"	"	1			30-41	65	56	54		"	"	7	
8				"	"	1			30-41	65	56	54		b.w.	"	7	
9				N.E.	N.E.	2			30-41	64	56	53		"	"	7	
10				N.N.E.	N.N.E.	2			30-41	63	54	52		"	"	6	
11				N.E.	"	3			30-41	60	53	51		"	"	6	
Mid.				East.	"	3			30-41	61	53	51		"	"	6	

under the command of W. W. Mead, Commander, U. S. Navy,

Wednesday June 29, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and fine, light airs to light breeze from East to N.E.

W. R. Mean Field
Ensign U.S.N.

4 o'clock to 8 A.M.

Hazy around horizon. Heavy dew before sunrise. Light airs and breezes from N.E. At 7.45 crossed royal yards. The Basilisk and Beagle got under way and stood out to sea. Received on board for use of crew 116¼ lbs fresh beef and vegetables and 90 lbs soft bread.

Geo. Lee Holman
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and pleasant overhead. Misty along horizon. Light airs from N.N.E., shifting to S.E. about 10. By order of Condy Offr Thos. J. Flaherty (Boy) was released from confinement and restored to duty. By order of Condy Offr. Jos. Pingree (K.) was confined in cell, on bread and water, for five days, for returning from liberty tight, and disobedience of orders in refusing to leave fireroom when ordered to go on deck.

Owing to close proximity of a Collier that had anchored near us, got up steam and shifted berth and anchored with starboard anchor, 17 ft. water, 45 fathoms chain on the following bearing - Shipshead Islet, El Cerro W.N.W. (mag). Custom House landing E½S (mag) and Piedras Pt. S½W mag.

F. Harrison
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant, light airs to light breeze from S.E. and East. Exercised at sail drill.

W. R. Mean Field
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant. Light breeze to light airs from E by S. to S.E. - Sent down Topgallant and royal yards.

F. Harrison
Lieut. U.S.N.

8 P.M. to Midnight.

Fair and pleasant, light to gentle breeze from N.E. Fires up for heating.

W. R. Mean Field
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex. , 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E by E	E by N.	2			30-41	69	52	51		hzy	cirrus	9	
2				"	"	3			30-38	57	52	50		"	"	7	
3				N.E.	"	2			30-37	58	50	49		"	"	8	
4				N.N.E.	"	2			30-36	58	51	49		"	"	5	
5				N by E	North	2			30-35	59	51	49		"	"	8	
6				"	"	2			30-35	58	52	50		hzy	"	8	
7				N by W	N.N.E.	2			30-35	56	51	49		"	cirro-strat	3	
8				North	"	2			30-36	55	50	48		"	"	3	
9				"	"	2			30-35	65	51	49		"	"	5	
10				"	"	3			30-36	68	55	52		"	"	5	
11				"	"	4			30-36	70	57	53		"	"	3	
Noon.				N.E.	"	4			30.38	70	59	55		"	"	5	

Course and distance made good since preceding noon by observations, knots. , tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 354 gallons.

Water distilled during the preceding 24 hours, 224 "

Water remaining on hand fit for use at Noon, 1152 "

Coal consumed during the preceding 24 hours, tons 1900 lbs.

Coal remaining on hand at Noon, 62 " 1645 "

P. M.																	
1				E.N.E.	N by E	4			30-36	68	62	58		hz	cirro-strat	2	
2				"	"	4			30-35	70	63	59		"	"	2	
3				N.E by E.	N.N.E.	4			30-3	69	63	59		"	"	2	
4				East	"	4			30-31	68	63	59		"	"	2	
5				"	"	2			30-30	74	62	58		"	"	4	
6				N.N.E.	"	2			30-3	74	61	58		"	"	5	
7				"	"	2			30-31	70	59	56		"	"	5	
8				N by E	"	2			30-31	68	58	55		"	"	4	
9				N.N.E.	"	4			30-30	67	56	54		"	"	8	
10				"	"	4			30-32	66	56	54		hzy	"	6	
11				"	"	4			30-33	65	55	53		"	"	5	
Mid.				"	"	4			30-32	64	55	53		"	"	6	

6-365

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday, June 30, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended 4 A.M.

Clear and pleasant, - light to gentle breeze from N.N.E. Barometer falling slowly.

J. T. Newton
Lieut. U.S.N.

4 h & A.M.

Clear first part. Cloudy and misty latter part. Light airs from North to N.E.

F. Arms
Lieut. U.S.N.

8 AM to Meridian.

Fair and pleasant, light to moderate breeze from N.E. Mustered at quarters and exercised at general quarters, 1st div. 2m 30s; 2d div. 2m 20s; 3d div. 2m; Navy div. 2m 10s; Powder div. 3m. Engrs. 1m 20s. Marine Guard 2m 05s. Pay Dept. 2m 15s; Surg. 2m 35s. By order of Condg Officer. M. Lagarus (Sea) for neglect of duty and Disobedience of order - 2 weeks quarantine. Filled and fused forty IX in shell. Began to distill.

W. Rz Mason Jr. Asst.
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy and pleasant. Barometer falling slowly - Moderate breeze from N by E and N.E. - Drilled as follows - 2d. company - settings up - Reserves - small arms Apprentices boxing and furling royal. Distilling

J. T. Newton
Lieut. U.S.N.

4 h & P.M.

Fair and pleasant, light breeze from N.N.E. Distilling.

W. Rz Mason Jr. Asst.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant - barometer steady - moderate breeze from N.E. Distilling.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-365

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E. by N.	N.N.E.	4			30-34	68	55	52		bc.	cir. cum.	7	
2				"	North.	5			30-34	62	55	52		"	"	8	
3				"	"	4			30-34	61	54	51		"	"	8	
4				"	"	4			30-33	61	54	51		"	"	8	
5				N.E. by N.	"	4			30-32	60	54	52		"	"	8	
6				"	N.N.E.	4			30-33	58	54	52		"	"	9	
7				N.N.E.	"	4			30-33	61	53	51		"	cir. cum. str.	7	
8				"	"	4			30-35	63	53	51		"	"	7	
9				North.	North	4			30-36	66	56	53		"	"	6	
10				"	"	4			30-37	68	59	55		"	"	4	
11				"	"	3			30-37	68	61	57		"	"	4	
Noon.				"	"	4			30-36	69	63	58		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 376 gallons.

Water distilled during the preceding 24 hours, 2424 "

Water remaining on hand fit for use at Noon, 3200 "

Coal consumed during the preceding 24 hours, 2 tons 250 lbs.

Coal remaining on hand at Noon, 160 " 1125 "

P. M.																	
1				North.	N.W.	3			30-34	72	64	59		bc.	cir. str.	5	
2				N.E.	"	4			30-31	72	66	60		"	"	5	
3				North.	North.	3			30-29	72	66	61		"	"	7	
4				"	N.W.	3			30-28	71	66	61		"	"	7	
5				N.E.	N.N.E.	3			30-28	70	65	60		"	cir. cum. str.	5	
6				"	"	3			30-29	74	63	59		"	"	6	
7				N. by E.	"	3			30-30	76	61	57		"	"	6	
8				"	"	3			30-31	76	62	58		"	"	8	
9				North.	"	2			30-30	72	62	58		"	"	9	
10				"	"	2			30-30	72	61	58		"	"	9	
11				"	"	2			30-31	70	60	57		"	"	8	
Mid.				N.N.E.	"	2			30-31	68	58	55		"	"	7	

under the command of W. W. Mead. Commander, U. S. Navy,
Friday July 1, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Moderate and stiff breeze from N.N.E. and North.

Custone
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. Moderate breeze from N.N.E. Crossed topgallant yards.

W. Rx Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.
Clear - latter part cloudy. - Barometer steady - Moderate and gentle breeze from N. - At 9.30 quarters - Drilled as follows - 2d. company Infantry. - 3rd Artillery - Reserves Infantry - Released Herwin J.C. Rymes - term of confinement having expired - Tested life buoys and found them in working order. - Stopped Distilling.

Meridian to 4 P.M.
Fair. Gentle and moderate breezes from N.W. and North. Bent foresail. Exercised Marine Guard and 3d. Company at setting up exercise

J. J. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer steady - gentle breeze from N.N.E.

Custone
Ensign U.S.N.

8 P.M. to Midnight.
Clear and Pleasant Light breezes from N.N.E.

J. J. Newton
Lieut. U.S.N.

Custone
Ensign U.S.N.

Examined and found to be correct.

H. K. Hunt
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	N.E.	4			30-31	68	56	54		b	none	10	
2				North	N by E.	5			30-31	67	56	54		"	"	10	
3				N.E.	"	5			30-30	64	55	53		"	"	10	
4				North.	"	4			30-30	64	55	53		"	"	10	
5				N.E. by N.	"	3-4			30-30	62	56	54		bc.	cum	8	
6				N.E.	North	3			30-30	59	55	53		"	cir. cum	8	
7				N. by E	"	3			30-30	62	55	53		"	"	7	
8				"	"	3	4		30-33	66	55	53		"	"	5	
9				"	"	3			30-34	69	56	54		"	"	4	
10				North	"	3			30-35	69	54	56		"	"	6	
11				N by W.	N.N.W.	3			30-34	69	62	58		"	"	7	
Noon.				N.N.W.	"	2			30-34	73	64	59		"	cir. cum Str.	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 392 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2808 "

Coal consumed during the preceding 24 hours, tons 1500 lbs.

Coal remaining on hand at Noon, 159 " 1865

P. M.																	
1				N.N.W.	N.N.W.	3			30-32	72	67	61		bc	cir. cumph.	7	
2				West	NW.	3			30-30	70	67	62		bcm		7	
3				S.E. by S.	North.	3			30-28	70	67	63		"	"	6	
4				S.E. by E.	"	1			30-28	70	68	63		"	"	8	
5				N.E. E.	N.N.W.	1			30-28	70	65	61		"	"	8	
6					North.	3			30-27	69	64	59		"	"	2	
7				North.	N.N.E.	4			30-26	72	63	59		"	"	6	
8				"	"	3			30-26	75	62	58		"	"	5	
9				"	North	3			30-28	72	62	58		bc	"	4	
10				"	"	3			30-25	71	61	57		"	"	6	
11				N. by E.	"	3			30-28	70	59	56		"	"	7	
Mid.				North.	"	4			30-28	69	59	56		"	cir cum	7	

under the command of W. W. Mead. Commander, U. S. Navy,

Saturday. July 2, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Moderate to stiff breze from N.N.E., To N by E.

W.O. Hulme
Ensign. U.S.N.

4 to 8 A.M.
Clear and pleasant barometer rising. gentle to moderate breze from N. and N. by E.

J.T. Hawker
Lieut. U.S.N.

8 A.M. to Meridian.
Clear. Gentle breze from North and N.N.W

C. Cousins
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle breze to light airs from N.N.W to the North. Officer went to inform men of wds and Capt. of Port that we would dress ship on Monday.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Mostly cloudy. Light airs to moderate brezes from N.N.W. to N.N.E.

C. Cousins
Ensign. U.S.N.

8 P.M. to Midnight.
Generally clear. Gentle to moderate breze from the North.

W.O. Hulme
Ensign. U.S.N.

Examined and found to be correct.

H. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E.	North.	4			30-28	68	59	56		fc.	cir. cum	8	
2				"	"	4			30-25	67	59	56		"	"	8	
3				"	"	4			30-23	66	58	55		"	"	8	
4				N.E. by N.	"	4			30-23	65	58	55		"	"	8	
5				N.N.E.	"	3-4			30-22	66	57	54		"	"	9	
6				N. by E.	"	3-4			30-21	67	57	54		"	"	9	
7				"	"	3-4			30-20	66	56	53		"	cir. cum. Str.	4	
8				"	"	3-4			30-20	65	56	53		Lom	"	6	
9				"	N. by E.	4			30-22	68	58	55		"	"	6	
10				North.		3			30-22	67	61	55		"	"	6	
11				"	North.	4			30-21	70	64	59		"	"	7	
Noon.				"	"	4			30-21	71	67	61		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 364 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2444 "

Coal consumed during the preceding 24 hours, tons 1500 lbs.

Coal remaining on hand at Noon, 159 " 365

P. M.																	
1				N.W.	North.	4			30-13	71	68	62		fc.	cir. cum Str.	2	
2				N. by W.	N. by W.	4			30-11	71	69	63		"	"	2	
3				N.N.W.	"	4			30-08	70	70	63		"	"	4	
4				N.E. by N.	"	4			30-08	71	69	64		"	"	4	
5				E.N.E.	N.N.E.	2			30-08	70	68	64		lom.	"	4	
6				"	"	2			30-06	67	66	62		"	"	4	
7				N.E. by E.	N. by E.	3			30-16	67	65	61		"	"	4	
8				N. by E.	"	4			30-06	64	64	60		fc.	"	6	
9				"	"	4			30-06	67	64	60		"	"	8	
10				"	"	4			30-07	67	63	59		"	"	9	
11				North.	"	4			30-07	66	62	58		"	"	9	
Mid.				"	"	4			30-07	66	62	58		"	"	9	

4-265

under the command of W. W. Mead. Commander, U. S. Navy,

Sunday. July 3, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended A.M.

Clear and pleasant. Moderate breeze from North.

Fwdr Lewis Holman
Lieut. U.S.N.

4 to 8 P.M.

Clear and pleasant first part, partially cloudy last part; gentle and moderate breezes from North. Executed morning orders. Received in Pay Dept. 1033/4 lbs. fresh beef and vegetables and 83 lbs soft bread.

O'Kane
Ensign U.S.N.

8 P.M. to Meridian.

Clear. Gentle to moderate breeze from N by E. to the North. At 9.30 went to quarters and Comdg. Officer inspected ship and crew. At 9.40 called all hands to muster, read Articles for the Government of the Navy, and mustered crew.

W.O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy. Moderate breeze from North to N by W. Sent a liberty party ashore

Fwdr Lewis Holman
Lieut. U.S.N.

4 to 8 P.M.

Cloudy. Light to moderate breeze from N.N.E. to N. by E. At 6.50 Mindanayan Gunboat Genl. Artigas came in and anchored.

W.O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Moderate breeze from N. by E.

Fwdr Lewis Holman
Lieut. U.S.N.

Examined and found to be correct.

H. K. Lemly
Lemly, Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				North.	North.	4			30-08	66	62	58		fc.	cir. cumi.	7	
1				"	"	4			30-07	65	61	57		"	"	8	
2				"	"	4			30-07	64	61	58		"	"	8	
3				N.N.E.	"	4			30-07	64	61	58		"	"	6	
4				N. by E.	North.	3-5			30-07	64	60	57		fog	"	1	
5				North.	"	3-5			30-07	64	61	58		"	cumi/nim	1	
6				N.NW.	N.N.W.	3-4			30-07	63	60	57		"	"	1	
7				"	"	3-4			30-08	63	60	57		fog m.	"	1	
8				NW. by N.	N.W. by W.	3			30-14	68	60	57		"	"	1	
9				West	"	3			30-16	70	61	58		"	"	1	
10				North	W.S.W	2			30-17	68	61	58		"	"	1	
11				SW	West	1			30-17	70	61	59		"	cir cumi	1	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ' "

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2034 "

Coal consumed during the preceding 24 hours, 1 tons 60 lbs.

Coal remaining on hand at Noon, 158 " 305

P. M.																	
1				S.W.	SW	1			30-16	70	61	59		fogs	cir. cumi. stc	1	
2				ESE.	"	1			30-15	70	61	59		"	"	1	
3				East.	South.	1			30-14	68	61	59		"	"	1	
4				SSE.	E.S.E.	2			30-14	67	59	57		"	"	1	
5				NE.	"	1			30-15	66	60	58		fogs.	"	1	
6				"	"	1			30-15	65	59	57		"	"	1	
7				"	Calm.	0			30-16	65	60	58		"	"	1	
8				"	"	0			30-16	65	60	58		"	"	1	
9				"	NE.	1			30-17	65	61	58		fog	cir. cumi.	3	
10				NNE.	SE.	1			30-19	64	59	57		fog	"	3	
11				North	NE.	1			30-20	63	59	57		"	"	3	
Mid.				NE.	SE.	1			30-22	61	59	57		"	"	2	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,

Monday July 4, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant weather. Moderate breeze from North. Steam in one boiler for heating ship.

F. A. Wilner
Lieut. U.S.N.

4 to 8 A.M.

Cloudy. Gentle to stiff breeze from the North to N.W. At sunrise dressed ships in honor of the day. Received in Pay Dept, 103 3/4 lbs Fresh Beef and Vegetables, and 83 lbs. Bread.

W. O. Mulvey
Ensign. U.S.N.

8 A.M. to Meridian.

Cloudy. Hazy. Gloomy in the Southwest. Gentle breeze to light airs from N.W. by W. to W.S.W. At 9.30 mustered at quarters. D. Milliken, (Capt. Hold), absent. By order of the Commanding Officer Jos. Pingree (A.) was released from confinement. Lieut Wilner and Doctor Dickl were appointed members of the Permanent Board of Inspection for the present quarter. The Sebastiano Veneiro and the General Rivera came out of the dry dock and anchored in the inner harbor.

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Cloudy pleasant weather. Very light airs from S.W. to S. first three hours shifting to E.S.E. last hour. Transferred two boxes tobacco to U.S.S. Bennington at Buenos Ayres.

F. A. Wilner
Lieut. U.S.N.

4 o'clock to 8 P.M.

Cloudy. Hazy. Gloomy in the Southwest and West. Light airs from E.S.E. first three hours. Calm last hour.

Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Cloudy. with moon through the clouds. Very light airs varying from N.E. to S.E. By order of Comdg Officer Cath Soon (2nd Class) was confined in cell to await investigation for being drunk noisy and using profane, vile and abusive language and epithets to officers of the deck and other officers of the Ship

F. A. Wilner
Lieut. U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut, Navigator.

4-895

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				SE.	ESE.	3			30-23	62	57	56		o.c.m	cum Str.	0	
1				"	"	4			30-23	61	56	54		o.c.l	"	0	
2				"	"	4			30-24	61	56	55		"	"	0	
3				"	"	4			30-24	61	55	54		"	"	0	
4				SE by E.	"	3-4			30-24	61	56	53		b.c. l.g.	"	5	
5				"	"	2-4			30-24	60	55	54		"	"	7	
6				"	"	3-4			30-26	60	55	54		b.c.	"	3	
7				ESE.	"	3			30-28	58	55	54		"	"	1	
8				"	"	2			30-29	64	55	54		"		1	
9				E by S.	"	3-4			30-31	68	53	52		"		1	
10				ESE	"	3			30-32	70	55	53		"	cir cumstr.	3	
11				East	"	3			30-31	70	57	54		"	cir cume	3	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 365 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1669 "

Coal consumed during the preceding 24 hours, tons 1400 lbs.

Coal remaining on hand at Noon, 157 " 1145

P. M.				E by S.	E by S.	4			30-27	70	57	55		hom	cir. cum	2	
1				ESE.	"	4-5			30-24	70	56	55		o.c.	nimb	0	
2				SE.	"	3			30-24	72	55	54		"	"	0	
3				SE by E.	ESE.	3			30-24	71	56	55		"	"	0	
4				ESE.	East	4			30-23	70	56	55		"	"	0	
5				"	"	4			30-23	73	56	55		"	"	0	
6				"	"	4			30-23	72	56	55		"	"	0	
7				"	"	4			30-23	71	57	56		"	"	0	
8				"	"	4-5			30-24	74	58	57		o.c.g.m	"	0	
9				"	"	4-5			30-24	74	58	57		o.c.g.m.d	"	0	
10				"	"	3-5			30-28	68	58	57		"	"	0	
11				E. ME.	"	3-5			30-23	65	58	57		"	"	0	
Mid.																	

under the command of W. W. Mead Commander, U. S. Navy,
Tuesday July 5, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and unto 4 P.M.
Overcast: gentle to moderate breeze from E.S.E.

W. Ry Mason Jr.
Ensign U.S.N.

4 o'clock to 8 P.M.
Generally cloudy. Moderate to gentle breeze from E.S.E. The Magpie came in.

Geo. L. Wolman
Lieut. U.S.N.

8 P.M. to Meridian.
Cloudy. Light to gentle breeze from E.S.E. At 9.30 mustered at quarters and had divisional exercises. The following men were absent without leave D.S. Milliken (Capt Hold), M. McCarthy (C.H.); Henry Nelson (Ldr). L. Shields (Private M.C) and W.G. Hubbard (Private M.C) The following punishments were adjudged by Commanding Officer: Thos. J. Flaherty (Boy) reduced to 4th class 2 mos. and $2.50 Monthly Money for being out of hammock and noisy after taps and not obeying order of Corpl of the Guard to turn in.
Jas. McKeown (O.C) Returning from liberty tight, drunk and noisy after taps, and not obeying order of Corporal of Guard to turn in - reduced to 4th class 3 mos + $2.50 Monthly Money = At 8 Noon (2 cl F). was released from confinement and confined in double irons to await trial by court martial for drunk and noisy about decks after taps and not obeying order of Corporal of the Guard to turn in, and using vile and abusive epithets to officers of the deck and other officers of the ship. Sent an officer to Capt of the Port, to the Senior Uruguayan Officer afloat + to the Italian Gunboat Lebaratano-Venero thanking them for dressing ship with us on Independence Day.

W. W. Mead
Lieut. U.S.N.

Meridian to 4 P.M.
Fair, then overcast, gentle to stiff breeze from E by S. Sent an officer to take a letter to Sebastiano Venero. The 2d Company and the squad of Marines exercised at setting up.

W. Ry Mason Jrd.
Ensign U.S.N.

4 to 8 P.M.
Overcast and cloudy. Moderate breeze from East. Housed topgallant masts. M. McCarthy (C.H.) returned on board 9 hours overtime.

W. W. Mead
Lieut. U.S.N.

8 P.M. to Midnight.
Overcast and cloudy, gentle to stiff breeze from East.

W. Ry Mason Jrd.
Ensign U.S.N.

Examined and found to be correct.

Geo. K. Hunter
Lieut., Navigator.

4-205

LOG of the UNITED STATES Steamer Essex , Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E by N.	East.	5			30-20	65	57	56		lo gm d	nim	0	
2				E by S	"	3			30-19	65	57	56		"	"	0	
3				E	"	3			30-17	64	54	56		"	"	0	
4				E.S.E.	"	2			30-17	64	58	57		rom	"	0	
5				East.	"	3			30-17	63	58	57		to fm	"	2	
6				"	"	3			30-17	61	57	54		"	"	1	
7				E.S.E.	"	3			30-17	66	58	54		o c fw.	"	0	
8				E by N.	"	3			30-17	70	57	54		"	"	0	
9				"	E.N.E.	3			30-17	71	59	58		Clear	cir cir.	4	
10				E.N.E.	"	3			30-14	70	59	58		"	"	2	
11				"	"	3			30-13	73	60	59		"	Circum	4	
Noon.				N.E.	N.E.	1			30-10	72	64	62		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 375 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1294. "

Coal consumed during the preceding 24 hours, tons 1600 lbs.

Coal remaining on hand at Noon, 156 " 1785.

P. M.																	
1				E.N.E	E.N.E	2			30-04	70	65	2		fcm	cir cirrus	7	
2				N.E by N.	N.N.E.	3			30-00	70	65	2		"	"	4	
3				N.N.W.	N by W.	3			29-99	70	71	5		"	"	5	
4				N.W.	N.N.W.	3			29-99	76	71	6		"	"	4	
5				N.E.	N.E.	1			29-98	77	69	6		"	Cir Cum Nim	2	
6				"	"	1			29-96	75	69	6		o c l.	"	0	
7				W.N.W.	North	1			29-96	73	68	6		o c fw	"	0	
8				West	"	2			29-96	72	68	5		"	"	0	
9				S.W.	"	2			29-98	70	68	5		to fr.	"	2	
10				West.	"	3			29-98	69	65	3		Clear	cir. Cirrus	5	
11				S by W	"	1			29-98	68	65	3		"	"	7	
Mid.				South.	N.N.W	2			29-98	68	66	2		"	"	6	

under the command of W. W. Mead, Commander, U. S. Navy,

Wednesday July 6, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM.

Overcast - barometer falling. Moderate to gentle breeze from East.

J. T. Newton
Lieut. U. S. N.

4 to 8 AM

Cloudy, thick and damp. Gentle breeze from East. The Italian gunboat Sebastiano Venier left the harbor. D. Milliken (Ast Hold), returned on board 48 hours overtime. Received 98 3/4 lbs. fresh beef, 98 3/4 lbs. vegetables and 79 lbs. soft bread in Pay Department.

F. A. Wilmer
Lieut. U. S. N.

8 AM to Meridian

Fair and pleasant, gentle breeze to light airs from E, N. E. and N. E. Mustered at quarters, Nelson H. (Ld), Shields T (Pvt) - and Hubbard W. J. (Pvt M.C.) - and Hand P (W.S) absent without leave. Exercised battalion as infantry. Steam ups for heating.

W. Ray Mason Field.
Ensign U. S. N.

Meridian to 4 PM.

Generally cloudy - barometer falling - light to gentle breeze from E. N. E., N. N. E., N. by W., and N. N. W.

J. T. Newton
Lieut. U. S. N.

4 to 8 PM.

Fair then overcast. light airs from N. E. and N.

W. Ray Mason Field.
Ensign, U. S. N.

8 PM to Midnight.

Cloudy - clearing after 9 - bright moonlight - light breeze and light airs from North. Strong current from S. & and W.

J. T. Newton
Lieut U. S. N.

Examined and found to be correct.

G. K. Curtis
Lieut, Navigator.

4-265

LOG of the UNITED STATES Steamer Essex , 3d. Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by W.	N.W.	2			29.98	67	65	62		hc	cir. cumr. nimi	3	
2				"	"	2			29.98	67	65	62		"	"	3	
3				"	"	2			29.97	65	64	61		c.c	"	0	
4				Wby S.	"	2			29.97	65	64	61		c.c	"	1	
5				S. by E.	"	2			29.96	65	63	61		"	"	1	
6				"	West.	2			29.94	65	63	61		c.c.f.	"	2	
7				S. S. E.	N.W.	2			29.94	64	61	60		c.c.m.f.	"	0	
8				S.E.	W.N.W.	2			29.95	69	63	61		c.c.f.	"	0	
9				E.S.E.	"	1			29.99	71	62	60		"	"	0	
10				S.E.	"	1			30.00	68	61	59		"	"	0	
11				South	West.	1			30.00	71	61	60		"	"	0	
Noon.				S.E. by S.	"	1			29.98	70	62	60		c.c.m.	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 363 gallons.

Water distilled during the preceding 24 hours, 290 "

Water remaining on hand fit for use at Noon, 1221 "

Coal consumed during the preceding 24 hours, tons 2230 lbs.

Coal remaining on hand at Noon, 155 " 1795 .

P. M.																	
1				N.E.	S.S.W.	2			29.95	68	62	60		c.c.d.f.	nim.	0	
2				East.	Calm.	0			29.93	69	61	59		"	"	0	
3				S. by E.	W.S.W.	1			29.92	68	61	59		c.c.p.f.	"	0	
4				"	"	3			29.91	69	59	57		c.c.r.f.	"	0	
5				S.S.W.	S.W.	3			29.90	66	60	58		"	"	0	
6				S. by E.	N.W.	3			29.88	65	60	58		c.c.r.l.t	"	0	
7				S.S.W.	W.S.W.	4			29.88	64	55	54		"	"	0	
8				"	"	3			29.87	63	55	53		"	"	0	
9				W.N.W.	W.N.W.	1-3			29.87	63	58	56		cc gulf	"	0	
10				West	West	1			29.87	63	57	56		cc.r.	"	0	
11				"	"	2			29.87	63	56	55		cc.	"	0	
Mid.				"	W.N.W.	2			29.86	62	56	55		"	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday July 7. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and unto 4 A.M.

Cloudy. Light breze from N.N.W.

C.H. Stone
Ensign U.S.N.

4 to 8 A.M.

Cloudy then overcast, light breze from N.W. to West

W. Ry Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.

Foggy misty last hour - barometer fluctuating - light airs from N.W. and W. At 9.30 General Quarters, times as follows; First Division ready - 2 minutes, 10 seconds; - Second Division, 2 minutes, 10 seconds; Third Division, 1 minute, 35 seconds; - Navigators Division, 1 minute, 35 seconds; - Powder Division 2 minutes, 45 seconds; - Engineers Division 1 minute, 30 seconds; - Marine Guard 1 minute, 40 seconds; - Pay Department, 1 minute, 25 seconds; - Surgeons 2 minutes 30 seconds; - Sentries, Nelson & Harry (Cis); - Hand (W.T.); - Hubbard W.R. (Private M.C.); Shields, J. (Private M.C.). - Commanding Officer adjudged the following punishments, viz; - Killiken D.S. (Capt Hold), 48 hours overtime, - 4th class 2 months, 2nd Monthly Money; - McCarthy, M. (C.A.) - 9 hours overtime, - 2d class 1 month; - Kelsey F.K. (S.A.). Not coming aft when word was passed, 1 night extra watch. - Commenced distilling.

W. J. Newbro
Lieut U.S.N.

Meridian to 4 P.M.

Overcast and foggy. Drizzling rain; calm to light breeze from S.S.W. and W.S.W. Exercised 2d company at setting up exercise, and pioneers at infantry. Received on board 20 blankets in Pay Dept. - A board of survey condemned 6 cans 1lbs. butter and recommended it to be thrown overboard. Sent liberty party on shore. Bar falling.

C.H. Stone
Ensign U.S.N.

4 to 8 P.M.

Overcast - raining with slight intermission - Lightning to Wd, shifting to Sd, at end of watch. - Wind gentle to moderate in force from Wd. Water rising latter part. - Distilling. 4 B.M. Launch Magpie went out at 6.20.

J.T. Newbro
Lieut U.S.N.

8 P.M. to Midnight.

Overcast and cloudy. Light airs and gentle breeze from W.N.W. and West.

C.H. Stone
Ensign U.S.N.

Examined and found to be correct.

M. K. Simms
Lieut Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				W by N	W N W	4-5			29.83	62	56	55		o c gl	nim.	0	
2				W by S.		3-5			29.82	61	55	54		o c. gusl.	"	0	
3				W S W		2-4			29.81	61	54	53		"	"	0	
4				"		2-4			29.78	60	54	53		o cg fr	cum nim	0	
5				SW by W		3-4			29.76	60	54	52		o m gr	"	0	
6				W S W	West	4-5			29.76	59	53	52		"	"	0	
7				S S W	"	3-5			29.75	58	53	52		"	"	0	
8				"	"	3-5			29.76	63	52	51		"	nim.	0	
9				"	"	5			29.77	66	53	52		"	"	0	
10				West.	"	5			29.78	69	51	50		"	"	0	
11				"	"	5			29.79	71	49	48		"	"	0	
Noon.				"	"	6			29.79	70	48	47		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 385 gallons.

Water distilled during the preceding 24 hours, 2170 "

Water remaining on hand fit for use at Noon, 3006 "

Coal consumed during the preceding 24 hours, 1 tons 2150 lbs.

Coal remaining on hand at Noon, 153 " 1885.

P. M.																	
1				West.	West.	7-8			29.78	70	47	46		o c m gr	nime	0	
2				W by S.	W by S.	7-8			29.79	73	47	45		"	"	0	
3				W S W.	W S W.	7-9			29.81	71	47	45		"	"	0	
4				"	"	7-8			29.84	68	46	44		"	"	0	
5				"	"	7-9			29.89	76	46	44		"	"	0	
6				S W by W.	"	7-10			29.94	77	46	44		"	"	0	
7				"	S W by W.	6-9			29.95	78	47	44		"	"	0	
8				"	"	6-9			30.00	75	47	44		"	"	0	
9				S W.	S W.	5-8			30.00	71	46	44		"	"	0	
10				"	"	5-8			30.02	70	45	43		"	"	0	
11				S W by S.	"	5-8			30.07	72	76	44		"	"	0	
Mid.				"	"	5-8			30.09	74	46	44		"	"	0	

under the command of W. W. Mead. Commander U. S. Navy,

Friday July 8. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Overcast; squally, rainy, lightning. Light to stiff breze in squalls from W. to N.W. Barometer low.

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.

Overcast, barometer steady. Wind in moderate squalls from N.W., and West. Received in Pay Dept. - 80 lbs. soft bread, 100 lbs. fresh beef, 100 lbs. vegitables. Distilling.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.

Overcast. Cloudy and misty. Light rain squalls. Stiff and fresh breezes from West. At 9.30 mustered at quarters. - the following men were absent without leave. H. Nelson Sea Hawk W.T.; J. Shields Pvt. M.C.; W. S. Hubbard Pvt. M.C.; L. Howe (C.S.); W. Ramsay (S.1.); J. H. Kinnon Actg. Boatswain, Reg. Exercised 2d company at infantry & 2d company at artillery. At 11.15 let go spit anchor and veered to 45 fathoms on spit chain.

C. W. Wilson
Ensign U.S.N.

Meridian to 4 P.M.

Overcast. Very fresh breeze to strong gale from the West to N.W. Owing to threatening weather and S.W. gale The Condg. Officer ordered steam under three boilers. At 1. stopped distilling, and at 1.20 started fires under 2 boilers. Rigged in lower booms and braced up yards. Barometer rising.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.

Overcast and cloudy. Fresh breezes to strong gale from W.S.W. and S.W. by W. Let go sheet anchor and veered to 30 fathoms on sheet chain. Secured boats and battery for sea.

C. W. Wilson
Ensign U.S.N.

8 P.M. to Midnight.

Overcast, misty. Stiff breeze to moderate gale from S.W. At 9 stopped engines. Barometer rising slowly. Steam on three boilers.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

C. K. Newton
Lieut. Navigator.

4-381

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.W.	S.W.	5-7			30-14	69	46	44		b.c.g.	cir.cum.str.	2	
2				"	"	5-7			30-15	65	46	45		"		4	
3				"	"	5-7			30-16	62	46	44		"		1	
4				"	"	4-6			30-16	61	45	44		o.c.g.	"	0	
5				S.W.by W.	S.W.by W.	4-6			30-16	60	45	44		"	"	0	
6				"	"	4-5			30-17	60	45	44		b.c.g.	"	1	
7				S.W.	W.S.W.	4-5			30-19	58	46	44		o.c.g.m.	"	0	
8				W.S.W.	"	3-4			30-25	69	46	44		b.c.g.	"	1	
9				S.W.	"	4			30-30	72	45	43		o.c.	cum.str.	0	
10				"	"	4			30-32	72	45	43		"	"	0	
11				W.by S.	S.W.by W.	3			30-33	72	46	44		"	"	0	
Noon.				"	"	3			30-32	70	45	43		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 355 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2651 "

Coal consumed during the preceding 24 hours, 2 tons 1715 lbs.

Coal remaining on hand at Noon, 151 " 170.

P. M.																	
1				S.W.by W.	W.S.W.	3			30-31	73	45	43		o.c.	Cirro. mairi.	0	
2				"	"	3			30-32	74	46	44		"	"	0	
3				S.W.	S.W.	3			30-32	74	47	45		"	"	0	
4				"	"	3			30-32	74	48	46		"	"	0	
5				"	"	3			30-29	57	49	45		b.c.	"	3	
6				S.S.W.	S.S.W.	2			30-32	69	49	46		"	"	4	
7				South	"	2			30-34	70	50	47		"	"	5	
8				S.S.E.	"	2			30-36	70	50	48		"	"	6	
9				"	"	2			30-36	68	50	48		"	"	4	
10				S.E.	S.W.	2			30-36	63	50	48		"	"	2	
11				"	"	2			30-36	63	50	48		"	"	1	
Mid.				S.S.E.	S.S.W.	2			30-36	63	49	47		b.c.	"	1	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday - July 7, 1877.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Cloudy - overcast last hour. Stiff breeze from SW with very fresh squalls first three hours; moderate breeze with fresh squalls last hour. Rough harbor sea At 1.30 banked fires.

Geo. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy and squally. Gentle to fresh breezes from S.W. by W. and W.S.W. Executed morning orders.

D. McClone
Ensign U.S.N.

8 A.M. to Meridian.
Overcast. Moderate to gentle breeze from W.S.W. to S.W. by W. Hove in to 45 fathoms on starboard bower chain, and hove up port bower and sheet anchors. Crossed Topgallant Yards. Hauled fires from under two after boilers. T. Shields (Private M.C.), returned on board 10 hrs. overtime. Absent without leave, H. Nelson (Lab.), P. Hand (W.T.), Hubbard W.G. (Private M.C.), Bowe, L.C. (L.C. App.), Ramsay W. (S.A. 2), McKinnon J. (Quarter Gunner), P. Bules (Sea).

M. O'Sullivan
Ensign U.S.N.

Meridian to 4 P.M.
Overcast. Gentle breeze from S.W. Private Hubbard returned 10 3/4 hours overtime.

Geo. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy. Gentle breeze from S.W. to S.S.W. - H. Nelson (Lab.) returned on board drunk and 10 5/2 hours overtime.

M. O'Sullivan
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Light to gentle breeze from S.S.W. to S.W. At 9.45, the Bennington came in and anchored. The Bennington signalled 3093 and 5763. Ansd. The Officer in Command boarded the Bennington in obedience to signal.

Geo. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.by W.	S.W.by S.	2			30-36	64	49	47		o.c.	cum. strat.	0	
2				S.	S.S.W.	3			30-36	64	50	48		"	"	0	
3				S.W.	South.	3			30-37	64	49	47		b.c.	"	2	
4				E.S.E.	"	2			30-36	64	50	48		"	"	3	
5				S.S.W.	S.W.	2			30-39	70	50	47		b.c.sp.	"	3	
6				South	S.S.W.	2			30-41	71	50	47		b.c.	"	3	
7				S.S.E.	"	2			30-42	67	51	48		"	"	5	
8				"	"	2			30-43	62	51	48		"	"	6	
9				S.E.	"	2			30-44	68	50	48		"	"	4	
10				"	"	2			30-47	70	52	50		"	"	5	
11				"	South.	2			30-46	67	51	49		"	cir. cum. str.	5	
Noon.				"	"	2			30-46	71	50	48		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: { Latitude by D. R. ° ′ ″ / Longitude by D. R. ° ′ ″ / Latitude by observations of ⊙ ° ′ ″ / Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. { Latitude by ° ′ ″ / Longitude by ° ′ ″

Position at 8 P. M. { Latitude by ° ′ ″ / Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 367 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2284 "

Coal consumed during the preceding 24 hours, tons 1065 lbs.

Coal remaining on hand at Noon, 150 " 1345.

P. M.																	
1				S.S.E.	S.S.W.	3			30-46	70	51	49		sc.p.	cir. cum.	1	
2				"	S by W.	4			30-45	70	51	49		s.c.p.	cum. nim.	0	
3				S.E.	S.S.E.	3			30-45	70	51	49		"	"	0	
4				"	"	2			30-46	71	51	49		"	"	0	
5				S.E.by E.	"	3			30-46	69	52	49		"	"	0	
6				S.E.by S.	"	3			30-46	67	51	48		"	"	0	
7				"	"	3			30-46	67	50	48		o.c.d.	"	0	
8				S.S.E.	"	3			30-46	67	50	48		"	"	0	
9				"	South.	2			30-46	62	49	46		o.c.	"	0	
10				"	"	3			30-46	61	50	47		b.c.	"	4	
11				"	"	3			30-46	60	50	47		"	"	5	
Mid.				"	"	3			30-46	60	50	47		o.c.	"	4	

4-265

under the command of W. W. Head, Commander, U. S. Navy,

Sunday July 10, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (AM) until 4 A.M.
Cloudy. Light and gentle breeze from S.W. by S. to South. Steaming one boiler for heating ship.

W. Forbes
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Gentle breeze from S.W. to S.S.W. Received in Pay Dept. 76 lbs Bread, 95 lbs. Beef and 95 lbs. vegetables. Signals as per record.

W.O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Fair. Light breeze from S.S.W. to South. At 9.30 mustered at quarters. - Absentees: P. Hand (M.C.); L.C. Bowe (C.A.); W. Ramsay, (S.A. 2c.); J. McKinnon, (Sr. Gr.); and P. Bules, (Sea): - At 9.00 made signal Num, 5; at 10.00 Num., 4. and at 12 Num., 151.

Jas. G. Holmes
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy, with frequent passing light rain squalls. Moderate to light breeze from S.S.W. to S.S.E. At 2.20 U.S.S. Bennington, left the harbor to the Ed. Exchanged the following signals, Cu. Tel 4604, 4608 (AM) 9271; - Essex (Tel) 7270 (AM) 0661.

W. Forbes
Lieut. U.S.N.

4 o'clock to 8 P.M.
Overcast. Occasional light passing showers and drizzle. Gentle breeze from S.S.E.

Jas. G. Holmes
Lieut. U.S.N.

8 to Midnight.
Generally cloudy with moon occasionally visible. Light to gentle breeze from South.

W. Forbes
Lieut. U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut - Navigator.

4-265

LOG of the UNITED STATES Steamer Essex. ,3rd **Rate,**

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	South	3-5			30-46	59	48	46		o.c.g.p.	cum.nim	0	
2				"	S.S.W.	3-5			30-43	59	47	46		"	"	0	
3				"	"	3-5			30-43	57	47	45		"	"	0	
4				"	"	3-5			30-42	56	47	46		"	"	0	
5				S.E.	E.S.E.	3-4			30-39	58	48	47		c.g.r.	"	0	
6				S.E. & E.	E.N.E.	3			30-40	58	49	47		o.c.r	"	0	
7				S.E.	E.S.E.	3			30-41	59	49	47		"	"	0	
8				"	"	3			30-42	59	49	47		"	"	0	
9				"	"	4			30-50	68	49	48		"	"	0	
10				"	"	4			30-51	67	50	49		"	"	0	
11				"	S.E. & E.	4			30-53	67	50	48		"	"	0	
Noon.				"	S.S.E.	4			30-54	67	50	49		"	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 340 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1944 "

Coal consumed during the preceding 24 hours, tons 15 45 lbs.

Coal remaining on hand at Noon, 149 " 20 45.

P. M.																	
1				S.E.	S.E.	4-5			30-54	69	51	50		h.c.m.	cir.cum.nim	4	
2				S.E. & S.	S.E. & S.	4-5			30-54	70	51	50		h.c.g.	cir.cum.	4	
3				S.S.E.	S.S.E.	4-5			30-55	70	50	49		"	"	3	
4				"	"	3-5			30-54	71	50	49		"	cir. str.	3	
5				"	"	3-5			30-58	68	50	48		"	"	2	
6				"	"	3-5			30-59	68	50	49		"	"	4	
7				"	"	3-5			30-61	72	50	48		"	"	4	
8				"	"	4			30-62	75	50	49		h.c.	"	4	
9				"	"	3			30-62	74	51	50		"	"	8	
10				"	"	3			30-64	71	52	50		"	"	8	
11				"	"	3			30-64	65	51	50		h.c.m.	"	8	
Mid.				S by E	S by E	3			30-64	63	51	50		"	"	8	

under the command of W. W. Mead. Commander, U. S. Navy,

Monday July 11, 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.

Overcast and squally. Gentle to stiff breeze from S.S.W. and South.

W. Rx Mason Fuld.
Ensign U.S.N.

4 o'clock to 8 A.M.

Overcast and raining. Gentle breeze from between S.E. and E.N.E. with moderate squalls first hour. Received for use of crew 97# lbs each fresh beef and vegetables and 78 lbs. bread. W. Ramsay (S.A. 2. class) and L.C. Bowe (C.A.) returned aboard 72 hours overtime. W.R. Patterson. (Sea. Appr. 2. class), fell overboard and was rescued from drowning by the prompt and skilful action of Peter Nagel, (Cox) in charge of the Steam Launch.

Geo. F. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.

Cloudy and raining. Moderate breeze from E.S.E. to S.S.E. Peter Haus (W.T.). P Bules (Sea) Jas M Kinnon (Pr. Gr.) and W.F. Zane (Corpsd). absent without leave James George Kerwin was disrated from Bayman to landsman by order of Condy. Officer. The Commanding Officer adjudged the following punishments, viz:- Sutterley W.C. (S.A.) not coming aft promptly when word was passed, 2 extra watches; Tehon O.J. (S.A.) not coming aft promptly when word was passed, 2 extra watches; Shields Thos (Private) 100 hours overtime 4th class, 3 months and $2.50 Monthly Money; Hubbard W.J. (Private) 103½ hours overtime 4th class, 3 months and $2.50 Monthly Money. Kelley J.A. (S.A.) Disobedience of orders of Petty Officer - 1 night extra watch; Nelson. Harry (Sea), 105½ hours overtime 4th class 3 months and $2.50 Monthly Money.

F. Wildes
Lieut. U.S.N.

Meridian to 4 P.M.

Fair, gentle to stiff breeze from S.S.E. to S.E. Discharged Jas. G. Kerwin, (Gr.) from this vessel and the Naval Service on the recommendation of a Medical Board of Survey, for causes existing prior to enlistment. Sent Liberty party on shore. Exercised 2d Company and Pioneers at infantry. Let go port anchor and veered to 45 fathoms on port chain and 90 fathoms on starboard chain.

W. Rx Mason Fuld.
Ensign U.S.N.

4 to 8 P.M.

Partly cloudy pleasant weather, clearing latter part. Moon rose about 6.30. Gentle to fresh breeze from S.S.E., with moderate squalls first three hours. Housed topgallant masts at 4.30

F. Wildes
Lieut U.S.N.

8 P.M. to Midnight.

Clear and fine, gentle breeze from S.S.E. and S by E.

W. Rx Mason Fuld.
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	S. by E.	3			30-65	51	51	9		t	none	10	
2				"	"	3			30-66	59	50	9		t.c.	Str	8	
3				"	"	2			30-66	58	50	9		t.	none	10	
4				S.E. by S.	S.E. by S.	2			30-65	58	50	0		t.c.	Str	8	
5				"	"	3			30-65	57	50	9		t.c.w.	"	9	
6				S.E.	"	3			30-65	55	51	0		"	"	8	
7				S.E. by E.	"	3			30-66	62	52	0		"	"	6	
8				S.E.	"	3			30-70	68	51	0		t.c.	"	7	
9				"	S.E.	2			30-72	69	52	1		"	"	7	
10				"	S.S.E.	2			30-74	71	55	3		"	"	7	
11				"	"	2			30-74	70	55	3		"	"	7	
Noon.				"	"	2			30-74	70	55	3		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1534 "

Coal consumed during the preceding 24 hours, tons 1295 lbs.

Coal remaining on hand at Noon, 1148 " 750.

P. M.																	
1				S.E.	S.S.E.	2			30-74	69	55	53		t.c.	cir. cumu.	7	
2				"	"	2			30-73	68	55	53		"	"	7	
3				"	"	2			30-72	67	53	51		"	"	7	
4				S.E.	"	2			30-71	66	53	51		"	"	7	
5				S.E. by E.	S.E.	1			30-71	66	52	50		"	"	7	
6				S.E.	"	1			30-71	66	52	50		t.c.w.	"	8	
7				E.S.E.	"	1			30.71	67	51	50		"	"	8	
8				"	"	1			30-71	67	53	51		"	"	8	
9				S.E.	E.S.E.	2			30-70	67	52	51		hr	more	10	
10				"	"	3			30-70	67	53	51		"	"	10	
11				S.S.E.	"	2			30-70	67	53	51		"	"	10	
Mid.				"	"	1			30.70	67	53	51		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, July 12, 1864.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant - barometer steady - gentle breeze from S. by E. Officer of the Watch stood extra watch from 12 to 4

N. J. T. Newlon
Lieut. U.S.N.

4 to 8 A.M.

Fine pleasant weather, Moonlight and very heavy dew, first part. Gentle breeze from S by E. Hove up spare anchor and in to 45 fathoms on starboard chain. Crossed topgallant yards and loosed sail at 7.30.

N. J. T. Newlon
Lieut. U. S. N.

8 A.M. to Meridian.

Clear and fine, light breeze from S.E. and S.S.E. Mustered at quarters and exercised 1st. division at great guns, 2d. division at single sticks, 3rd division pistols, Powder division at stations. Crew at work over the side scraping and red leading iron work. Loosed boat sails. Absentees without leave, Hand O. (N.S.), Jane W. (Corporal M.C.), Gordon A.E. (Ord. Sea.).

The Commanding Officer adjudged the following punishments, viz;
Bowe. L.C. (C. App.) 72 hours overtime - 4th class 3 months and 2 50 Monthly Money.
Ramsay W. (S. App. 2) 72 hours overtime, - 4th class 3 months and 2 50 Monthly Money; -
Bulles. P. (Sea) 48 hours overtime - 4th class 3 months and 2 50 Monthly Money; -
Dalger M. (S.A.) Not loosing sail properly - 1 extra night watch; -
McKinnon Jas (Quarter Gunner) 97 hours overtime 4th class 3 months and 2 50 Monthly Money; -
Sherlock R. (Private M.C.) 1 hour overtime; 10 days 2d class;

W. Rz Mason Jr.
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant, - barometer falling slowly; - light breeze from S.S.E. Furled sail at 2.30.

N. J. T. Newlon
Lieut U.S.N.

4 to 8 P.M.

Clear and fine, light breeze to light airs from S.S.E and S.E. Peter Hand. (W.S.) returned 6 days and 9 hours overtime, drunk and dirty.

W. Rz Mason Jr.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant - Moonlight. Barometer steady - Gentle breeze to light airs from E.S.E.

N. J. T. Newlon
Lieut U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

4-005

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	S.E.	2			30-71	65	53	51		h.w.	none	10	
2				N. by E.	"	2			30-71	66	53	51		"	"	10	
3				North.	N.N.W.	2			30-70	66	52	51		"	"	10	
4				"	"	2			30-70	66	51	49		h.c.	—	6	
5				N. by W.	"	1			30-70	65	49	47		"	cir. cumm	8	
6				N.N.W.	N.N.E	1			30-70	65	50	48		h.c.w.	"	8	
7				N.W. by N.	"	1			30-70	63	50	49		h.c.	"	7	
8				North.	"	1			30-72	70	47	46		"	"	6	
9				N.N.E.	North.	1			30-75	70	48	46		"	"	7	
10				E.N.E.	E.S.E.	2			30-75	74	52	50		h.c.w.	"	8	
11				S.E. by E.	S.E.	2			30-74	74	54	51		"	"	9	
Noon.				"	"	2			30-72	71	54	51		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 347 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1187 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 147 " 1450

P. M.																	
1				S.S.E.	E.S.E.	2			30-69	72	53	50		h.c.	cumm.	9	
2				"	S.E.	1			30-67	71	52	50		"	cumm.str.	8	
3				"	"	2			30-64	70	52	50		"	"	8	
4				"	"	1			30-62	69	51	49		"	"	8	
5				E. by S.	E.S.E.	2			30-63	73	52	49		"	"	7	
6				E.S.E.	East	2			30-63	75	52	50		h.c.	"	8	
7				"	E.N.E	2			30-63	75	52	50		"	"	9	
8				"	"	2			30-63	75	54	52		"	"	9	
9				"	"	1			30-61	63	54	52		"	cir. cumm.	9	
10				"	"	1			30-59	65	53	52		h.c.	none	10	
11				S.E. by E.	N.E.	1			30-58	60	53	51		"	"	10	
Mid.				E.S.E.	"	1			30-56	61	51	50		"	"	10	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday, July 13, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant; foggy last hour. Light breezes from S.E. and N.N.W. T. A. Kelsey and W. Sutterly stood extra watch.

C. W. Rose
Ensign U.S.N.

4 to 8 A.M.

Clear then foggy. Light airs from N.N.W. and N.N.E. Liberty party returned. Received in Pay Dept. 80 lbs fresh bread, 100 lbs fresh beef, 100 lbs fresh vegetables.

W. R. Mason Field.
Ensign U.S.N.

8 A.M. to Meridian.

Clear and pleasant. - barometer falling - light airs to light breeze - direction variable. - At 9.30 quarters. - Absentees - W. Jane, (Corporal M.C.) - A. Gordon (Sea). - Sail drill. - The Commanding Officer on hearing of the loss of the Argentine torpedo chaser Rosales, sent an officer to the Argentine Legation to offer the services of this ship. The Argentine Minister declined, saying that for the present the services of the Essex would not be required. - The Commanding Officer adjudged the following punishments, viz; Clinton John (2d cl. F.) - Interfering with a shipmate - 3 extra watches; - Hand P. (Wt.) returning on board drunk, dirty and 6 days 9 hours overtime - 4th class, 3 months and $2.50 Monthly Money -

J. J. Newlin
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Light airs and breezes from E.S.E. and S.E. Blacking ship outside. Sent liberty party on shore.

D. McRoni
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant - barometer steady - light breeze from E.

J. J. Newlin
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Heavy dew. Light airs from E.N.E. and N.E.

C. W. Rose
Ensign U.S.N.

Examined and found to be correct.

E. K. Kane
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex ,3d Rate,

Montevideo. Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East.	N.E.	2			30-54	61	51	49		b.cw.	cir. str.	2	
2				E.N.E.	"	2			30-50	60	50	49		b.w.	none	10	
3					North.	2			30-49	59	48	46		"	"	10	
4						1			30-48	58	48	46		"	"	10	
5					N.N.E.	3			30-46	57	48	46		"	"	10	
6				N by E	"	3			30-45	53	48	46		b.cw.	cir	9	
7				N by W.	"	2			30-45	59	46	44		b.c.	"	9	
8				North	North	2			30-46	61	45	43		b.cw.	"	9	
9					N by W.	2			30-46	63	48	46		b.c.	cir.cum.str.	4	
10				N.E.	North.	3			30-46	66	50	48		"	"	6	
11				East.	"	3			30-46	69	51	49		"	"	6	
Noon.				E.N.E.	"	3			30-46	70	52	49		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 392 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 795 "

Coal consumed during the preceding 24 hours, 1 tons 60 lbs.

Coal remaining on hand at Noon, 146 " 1390

P. M.																	
1				E.N.E.	N.W.	4			30-41	69	53	50		b.c.	cir.cum.str.	7	
2				N.N.E.	North.	2			30-37	68	56	52		"	"	6	
3				N by W.	"	2			30-37	65	56	52		"	"	8	
4				N by E	"	2			30-36	76	56	52		"	"	8	
5				North.	"	2			30-34	67	55	52		"	"	5	
6				"	N.N.E.	1			30-32	67	54	52		"	"	7	
7				"	"	2			30-30	62	52	50		b	none	10	
8				"	"	2			30-28	61	52	50		"	"	10	
9				N.E by N.	North	3			30-27	60	53	50		"	"	10	
10				N.E.	"	4			30-27	59	51	40		b.c.	cir. cum.	9	
11				E by N.	"	4			30-26	58	51	49		"	"	8	
Mid.				E.N.E.	"	4			30-25	57	51	49		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday, July 14, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd watch 4 A.M.

Cloudy first part, clear last part. Gentle breeze from N.E. to the North.

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.

Clear and pleasant - barometer steady - Gentle to light breeze from N.N.E. and North. A Chilian man of war anchored in the River.

N. J. T. Howell
Lieut. U.S.N.

8 A.M. to Meridian.

Fair. Light and gentle breezes from N. by W. and North. At 9.30 went to general quarters times as follows, - 1st Division ready - 2 min. 50 sec; - 2nd Division 2 min. 30 seconds; - 3d. Division, 1 min. 50 sec.; - Navigators Division, 2 min.; - Powder Division 2 min. 40 seconds; - Engineers Division 1 min. 10 seconds; - Marine Guard, 1 min. 45 seconds; - Pay Department, 2 min. 20 seconds; - and Surgeons ready 3 minutes. - The following men were absent without leave, W. E. Zane (Corporal M.C.) - Gordon A.E. (Lds), Nutter C.H. (Private) Blacking ship. - Sent an officer to board the Chilian cruiser Presidente Pinto.

C. McKone
Ensign U.S.N.

Meridian to 4 P.M.

Clear. Moderate to light breeze from N.W. to the North. By order of Commanding Officer Daniel Parker, (Steerage Cook) was disrated to landsman and transfered to hospital for treatment. - J.B. Load, (Private M.C.), returned from hospital. Chilian Officer from the "Pinto" returned boarding visit. At 12.30 started distilling.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.

Mostly clear and pleasant. Light airs and breezes from North and N.N.E. At 4.45 sent down royal yards.

C. McKone
Ensign U.S.N.

8 P.M. to Midnight.

Clear. Gentle to moderate breeze from the North. Distilling -

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

M. K. Lewis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	North.	2-3			30-24	56	50	48		hc.	cir. cum.	7	
2				N.N.W.	N.N.W.	2			30-23	56	49	46		"	"	8	
3				N. by W.	W N.W.	1			30-22	56	48	45		"	"	7	
4				North.	"	1			30-21	55	47	45		"	"	7	
5				N. by W.	"	3			30-20	55	46	44		hcm.	"	7	
6				"	"	3			30-19	55	46	44		"	"	6	
7				"	"	3			30-18	55	45	43		"	cir cum cir.	5	
8				N.N.W.	"	3			30-19	55	45	43		"	"	2	
9				"	NW.	3			30-20	66	46	44		"	"	4	
10				"	"	3			30-20	69	50	47		"	"	4	
11				W.S.W	"	4			30-20	67	53	51		"	"	7	
Noon.				"	W.N.W	4			30-19	70	55	52		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 367 gallons.

Water Distilled during the preceding 24 hours, 2672 "

Water, remaining on hand fit for use at Noon, 3100 "

Coal consumed during the preceding 24 hours, 2 tons 1145 lbs.

Coal remaining on hand at Noon, 144 " 2445 "

P. M.																	
1				W.S.W.	West.	4			30-18	74	53	52		hcm.	cir. cum. Str.	4	
2				W.N.W.	W by N.	4			30-15	71	55	52		"	"	3	
3				W.S.W.	"	4			30-13	69	56	52		"	"	3	
4				W.N.W.	"	3			30-12	69	55	52		"	"	4	
5				W by N.	"	3			30-12	69	55	52		"	"	5	
6				W.N.W.	"	2			30-12	70	54	51		hc.	cir. cum	6	
7				"	"	2			30-12	69	53	51		"	"	8	
8				"	W.N.W.	2			30-12	67	53	51		"	"	8	
9				"	"	3			30-13	66	53	51		"	"	8	
10				"	West.	3			30-13	65	53	52		hcm.	none	10	
11				S.W	W.S.W.	3			30-13	64	53	52		hcm	cir. St	8	
Mid.				South	S.S.W.	3			30-14	64	53	52		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday, July 15, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Clear and pleasant. Gentle breeze to light airs from South to W.S.W. A ring around the moon. At 3.30 the General Lavallija came in. Distilling.

Jno. H. Holman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Gentle breezes from W.S.W. - Executed morning orders. Received in Pay Department 42½ lbs. fresh beef and vegetables and 74 lbs. bread. Ch. Hatter (Pr.) returned on board 24 hours overtime.

C. W. Dion
Ensign. U.S.N.

8 A.M. to Meridian
Clear. Gentle to moderate breeze from N.W. to W.N.W. At 9.30 mustered at quarters. Absentees Jas. W.F. (Corpl. M.C.) - Gordon A.B. (Ldg.) - Rodrigues M. (Ldg.). Exercised 2d. Company at Infantry - 3rd Company Artillery and reserve at Gatling Gun. Received in Pay Dept. 7 cases - 336 lbs tinned Beef. = 4 cases 480 lbs tinned Tongue. = 6 cases, 126 lbs. Raisins = 4 Tins 56 lbs Currants, - 50 pair shoes; = 3 boxes Candles. Distilling.

W. O. Hulme
Ensign. U.S.N.

Meridian to 4 P.M.
Fair. Hazy. Moderate to gentle breeze from West to W by N. At 12.30 stopped distilling sent a liberty party ashore.

Jno. H. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Gentle to light breeze from W by N.

W. O. Hulme
Ensign. U.S.N.

8 P.M. to Midnight.
Clear and pleasant - barometer steady - light to gentle breeze from W'd and from S. & W.

N. H. Martin
Lieut. U.S.N.

Examined and found to be correct.

M. K. Lewis
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	S.S.W.	2			30-15	63	54	52		Clear	Cir. Cum	7	
2				"	"	2			30-15	62	53	51		"	Cir. cum/str.	7	
3				S.S.W.	S by W.	2			30-14	60	52	50		"	"	7	
4				W.S.W.	"	3			30-15	62	52	50		"	"	7	
5				W by S.	"	3			30-14	62	52	50		"	"	6	
6				W.S.W.	S.S.W.	2			30-14	61	52	50		"	"	8	
7				W by S.	"	2			30-16	62	51	49		Clear	"	8	
8				N.W. by W.	"	2			30-16	59	52	50		"	"	7	
9				N.E.	N.N.E.	1			30-18	65	50	48		"	Cir. cum	7	
10				N.N.W.	N.N.W.	1			30-17	66	50	48		"	"	8	
11				"	"	1			30-19	76	56	52		"	"	8	
Noon.				S.S.W.	S.W.	1			30-19	76	56	53		"	Cir. Cum/Str.	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2728 "

Coal consumed during the preceding 24 hours, tons 17 90 lbs.

Coal remaining on hand at Noon, 143 " 755.

P. M.																	
1				S by E.	S.W.	1			30-17	73	57	54		Clear	Cir Str.	5	
2				S.E.	Calm.	0			30-18	72	57	54		"	"	5	
3				South.	N.W.	2			30-15	66	59	55		"	"	2	
4				East.	N.N.W.	2			30-15	65	59	55		"	"	2	
5				E.N.E.	North.	3			30-13	64	57	55		"	"	2	
6				N.E. by N.	"	2			30-12	64	57	55		O.C.	Cum/Cum.	3	
7				North	"	2			30-12	63	57	54		Clear	"	2	
8				"	"	2			30-09	62	56	53		O.C.	"	6	
9				N by E	N. by E	1			30-09	62	55	52		Clear	"	3	
10				N.E.	North,	1			30-09	63	55	52		"	"	1	
11				E.N.E.	N.E.	1			30-09	64	54	52		"	"	1	
Mid.				E.S.E.	North	1			30-08	64	54	52		"	"	2	

under the command of W. W. Mead. Commander, U. S. Navy,

Saturday July 16. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant. Bright moonlight. Heavy dew. Light to gentle breze from S.S.W. to S by W.

W. F. Arthur
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Light and gentle breeze from S by W. and S.S.W. W.F. Jones Corpora (M.C.) returned on board 5 days overtime.

C. C. Stone
Ensign U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Light airs from N.N.E. to N.W.W. first part, shifting to S.W. last hour. Sent an officer to board the Argentine torpedo boat Espora, which arrived overnight. Aired bedding. At 10 30 the Espora got underway and put to sea, the Commanding Officer adjudged the following punishments, viz; Nutter Jeff. Private M.C. 24 hours overtime, 3d class 12 months, June U.S. Corporal M.C. 5 days overtime 4th class 3 months, 2 50 Monthly Money. The following men are absent from the ship overtime, viz; Gordon A E (Sds), Rodriguez M. (Sds).

14. Geo. F. W. Holman
Lieut. U.S.M.

Meridian to 4 P.M.

Cloudy but pleasant. Calm and light breze from S.W. and N.W. and N.N.W. The Commanding Officer of the Chilian Cruiser Presidente Pinto paid an official visit. The Argentine torpedo boat Espora passed up the river

W. F. Arthur
Lieut. U.S.N.

4 o'clock to 8 P.M.

Cloudy. Gentle to light breze from North, - Heidman H. (Sea) returned aboard from duty at the English Hospital

Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Cloudy, pleasant weather - Light airs from North to N.N.E.

W. F. Arthur
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Montevideo. Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S.E.	North.	2			30-06	60	54	52		fo.	cir. str.	8	
1				"	"	2			30-05	59	54	51		"	"	10	
2				East.	N.N.W.	3			30-04	58	53	51		"	"	10	
3				"	"	3			30-02	58	52	51		"	"	5	
4				N.E.	"	3			30-00	58	52	51		"	"	7	
5				N.E.	"	2			29-97	56	52	51		"	"	5	
6				North.	"	3			29-98	63	51	50		"	cir. cum. str.	1	
7				N. by E.	"	2			29-99	64	51	49		fog.	"	1	
8				"	N by W.	2			29-99	65	51	49		"	"	2	
9				"	"	2			29-99	69	53	51		"	"	2	
10				North	N.N.W.	2			29-99	66	53	51		"	"	2	
11				N by E	"	2			29-98	65	55	53		"	"	2	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2360 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 142 " 1455

P. M.																	
1				East.	N.N.W.	1			29-95	67	56	54		hazy	cir. cum. str.	1	
2				S.E.	"	1			29-92	69	60	57		"	"	1	
3				S.S.E.	West.	1			29-89	68	60	57		"	"	2	
4				S.E.	"	1			29-88	66	58	56		fog.	cir. cum.	4	
5				E by S.	N.W.	1			29-87	65	58	56		"	"	8	
6				"	"	1			29-86	64	57	54		"	"	8	
7				North.	"	1			29-86	63	56	54		haze	"	8	
8				N.N.W.	"	1			29-86	63	56	54		"	"	8	
9				"	"	2			29-86	61	56	53		haze	none	10	
10				N by W.	"	3			29-86	61	54	52		haz.	cir. cum.	7	
11				N.W.	"	3			29-86	60	52	50		"	"	7	
Mid.				W.N.W.	W.N.W.	3			29-86	60	53	52		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,

Sunday, July 17, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Cloudy. Light to gentle breeze from South and S.W.

W. Ry Mason Jr.
Ensign, U.S.N.

4 to 8 A.M.

Cloudy. Gentle to light breezes from N.N.W. Sent Seidmann R. (Sea), to the English Hospital on duty. Received for use of crew 97½ lbs. each fresh beef and vegetables and 75 lbs bread

Geo. F. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.

Cloudy and misty, Light breeze from N. by W. to N.N.W. At 9.30 mustered at quarters and Commanding Officer inspected the ship and crew. A. E. Gordon (Sds) and M. Rodrigeus (Sds) absent without leave. Commanding Officer paid an official visit to Chilean cruiser Presidente Pinto. By order of Commanding Officer transferred, F. E. Young (S. Appr. 1. c) - H. S. Webb (S.A.) - F. A. Kelsey (S.A. 1) - Chas Erskine (S.A. 2d) and T. Wright (Sea. Appr. 1st Class) with their bags - hammocks, accounts and other necessary transfer papers to the U.S.S. Minnesota.

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Cloudy: light airs from N.N.W. and West. An officer representing the Captain of the Port called to ask us to dress ship to-morrow.

W. Ry Mason Jr.
Ensign, U.S.N.

4 to 8 P.M.

Clear and pleasant. Heavy dew latter part. Very light airs from N.W. - M. Rodrigeus (Sds) returned on board 8 1 hours overtime.

Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and fine, - light to gentle breeze from N.W. and W.N.W.

W. Ry Mason Jr.
Ensign, U.S.N.

Examined and found to be correct.

Le. K. Lemly
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex ,3m. Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	West.	3			29-85	61	53	52		bcw.	cir cumn	7	
2				"	N.W.	2			29-86	59	52	51			"	8	
3				"	"	3			29-86	58	51	50			"	8	
4				"	"	3			29-86	57	51	49			"	8	
5				S.W.by W.	"	3			29-87	56	50	49			"	9	
6				W.S.W.	to N.W.	3			29-87	55	51	50			cum	9	
7				W by N.	"	3			29-88	55	51	49		bcw.	"	8	
8				N.W.	N.W.	3			29-88	62	50	48		"		8	
9				to N.W.	W.N.W.	3			29-91	66	55	51		b	none	10	
10				"	"	3			29-93	70	54	53		"	"	10	
11				"	W by N.	4			29-94	76	60	54		"	"	10	
Noon.				W by S.	"	4			29-94	74	58	54		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 392 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1968 "

Coal consumed during the preceding 24 hours, 1 tons 250 lbs.

Coal remaining on hand at Noon, 141 " 1205.

P. M.																	
1				W. by S.	W by S.	4			29-94	78	56	53		bcw.	cir cum	9	
2				S.S.W.	"	4			29-92	66	56	54		"	"	9	
3				South	"	4			29-92	65	56	54		"	"	9	
4				S.E by S.	"	3			29-92	62	56	54		"	"	9	
5				S.S.W	"	2			29-92	67	56	54		b	"	7	
6				S.W.	"	2			29-92	70	57	55		"	"	9	
7				West.	N by W.	1			29-96	72	56	57		bcw.	"	9	
8				N.W.	N.W.	1			29-97	69	55	53		"	"	8	
9				"	"	1			29-98	70	54	52		"	"	8	
10				"	"	1			29-00	72	55	54		bcw.	none	10	
11				North.	N.N.W.	1			29-00	68	54	52		"	"	10	
Mid.				"	"	1			29-00	65	54	52		"	"	10	

under the command of W.W. Mead, Commander, U. S. Navy,

Monday July 18, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Muster at 4 A.M.

Clear and pleasant - barometer steady - gentle to light breeze from West from N.W.

4 to 8 A.M.

W. J. Newton
Lieut. U.S.N.

Clear and pleasant. Moonlight first part. Heavy dew. Misty latter part. Gentle breeze from N.W. and W.N.W. Received 96¼ lbs fresh meat and vegetables and 79 lbs. soft bread in Pay Department. At 8 dressed ship, rainbow, Uruguay ensign at the main.

W. J. Newton
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and fine, gentle to moderate breeze from W.N.W. and W. by N. Mustered and inspected at quarters A.E. Gordon (Ds) absent without leave. Alfred E. Gordon Ds - was declared a deserter from this vessel and from the U.S. Naval Service. The Commanding Officer adjudged the following punishments - Carman 1st (Private) Inattention to duty - 2 night watches; - Rodrigeuz, M (Ds) 8 hours overtime - 4th class 3 months and $2.50 Monthly Money.

W. Reynolds Field.
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant - barometer falling - moderate to gentle breeze from W. by S. Drilled 2d. Company at setting up - Reserves at Infantry -

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Clear and fine, light breeze from W by S. hauling to N by W. Unbreased ship at sunset.

W. Reynolds Field.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant - barometer rising - light airs from N.W. and N.N.W. - Private Carman stood extra watch from 10 to 12.

J. T. Newton
Lieut U.S.N.

Examined and found to be correct.

C. N. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North	North.	2			30.00	62	53	50		bar.	none	10	
2				E.S.E.	"	3			30.00	55	52	50		"	"	10	
3				S. by E.	"	3			29.98	53	51	49		"	"	10	
4				"	"	3			29.97	52	51	49		"	"	10	
5				S.E.	"	3			29.96	52	51	49		"	"	10	
6				S.E. by E.	"	3			29.96	51	50	48		"	"	10	
7				East	N.N.E.	2			29.97	63	50	48		bc.	cum.	9	
8	0	8	.8	S.S.W. to W.	N.W.	3			30.00	66	52	49		bcm.	"	8	
9	8	0	9.7	"	"	3			30.00	66	53	51		"	none	10	
10	7	2	17.3	"	"	3			30.01	65	53	52		"	"	10	
11	"	2	25.5	"	"	2			29.98	62	55	53		"	"	10	
Noon.	8	1	33.6	"	"	2			29.97	67	56	54		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 340 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1628 "

Coal consumed during the preceding 24 hours, 4 tons 1225 lbs.

Coal remaining on hand at Noon, 136 " 2220 "

P. M.															
1	8	2	41.8	W ½ N.	N by W.	1	29.95	70	57	55	f.	more	10		
2	8	5	50.3	—	"	1	29.92	65	55	56	"	"	10		
3	8	4	58.8	N.W. ½ N.	North.	1	29.94	68	60	58	hzc.	cir. str.	9		
4	8	1	66.9	"	N.E.	2	29.93	71	62	59	"	"	8		
5	8	1	75.06	N.W. by W. ½ W.	E.N.E.	2	29.91	71	61	58	"	"	7		
6	8	4	83.25	W ½ N	"	2	29.92	72	60	57	"	"	3		
7	7	2	91.50	"	E.N.E.	2	29.94	75	59	56	"	"	3		
8	7	4	100.	"	S.S.E.	2	29.94	71	59	56	hzc.	more	2		
9				N.N.E.	E.S.E.	2	29.92	69	59	56	"	"	7		
10				East	East.	2	29.90	68	56	54	"	"	8		
11				"	"	2	29.89	65	55	53	"	"	8		
Mid.				"	"	2	29.88	64	55	53	"	cir. cum.	9		

4-301

under the command of W. W. Read. Commander , U. S. Navy,

Tuesday, July 19 , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant Light and gentle breezes from North. At 3.00 started fires in three boilers.

C. W. Rhone
Ensign U. S. N.

4 to 8 AM.

Clear and fine, gentle breeze from N. by W. to N.N.E. Transported sheet anchor, sent chain below and made preparations for sea. Set up anchor and started ahead at 7.35. Put over Cat. Log reading 0, at 7.55 and took departure - El Cerro. N.W. 3/4 N. (mag): Brava Light E. (mag); Set course S.W. by W. 1/4 W. (p.sc). - Steam under 3 boilers. Draft of ships Forward 13' 7" Midships 15' 1"; Aft 16' 7".

C. W. Rz Mesm Field.
Ensign U. S. N.

8 A.M. to Meridian.

Clear and pleasant - barometer falling slowly - Gentle to light breeze from N. by W. - Course S.W. by W 1/4 W. - At end of watch - Indio Pt. bore S.W. - p.s. Indio Pt Light Ship W.S.W. 3/4 W. - Revolutions 50. + Steam 68 lbs.

N. J. T. Newton
Lieut. U. S. N.

Meridian to 4 P.M

Clear and pleasant. Light airs and breezes from N. by W to N.E. Steaming on three boilers. At 12.40 changed course to W 1/2 N. Patent Log. 43 At 1.09 changed course W.N.W. 1/2 W. Patent Log 43.1; at 1.17 changed course to N.W. by W 1/2 W. Patent Log 44.2; - at 1.26 changed course to N.W. Patent Log 45.2. At 1.58 changed course to N.W. 1/4 N, Patent Log 50; passed Indio Point Light-Ship at 2.26. Unbent flying jib. Average steam 68 lbs. Average Revolutions 50.

C. W. Rhone
Ensign U. S. N.

4 to 8 P.M.

Clear at first - clouding over latter part to W.S. - Barometer rising - Light breeze from Ed. At 4.22 changed course to N.W. by W 1/2 W. patent log 70 At 5.03 changed course to W 1/2 N. Patent Log 75.3 - Indio Lt Ship abeam - At 7.30 Ensenada Lights abeam. Average steam 70. - Revolutions 49.6.

N. J. T. Newton
Lieut. U. S. N.

8 P.M. to Midnight.

Cloudy first hour, clear last three. Light breeze from E.S.E. and East - Steaming on course W 1/2 N. with three boilers. Let go starboard anchor at 8.38 with 30 fathoms chain in 5 1/4 fathoms water. Hauled in patent log at 8.35 reading 105. Banked fires.

C. W. Rhone
Ensign U. S. N.

Examined and found to be correct.

M. K. Barnett
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

At anchor in the River Plate.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East.	East.	2			29	88	62	54	53	b.c.w.	cir. cum.	8	
2				E.S.E.	E.S.E.	3			29	86	62	53	52	"	"	2	
3				S.W.	"	3			29	84	56	58	52	b.c.w.	cum. str.	1	
4				W.N.W.	"	3			29	86	56	53	52	"	"	0	
5				West.	S.E.	3			29	86	55	53	52	"	cum.	4	
6				"	"	3			29	85	54	53	51	b.c.w.	"	8	
7				"	"	3			29	86	61	54	52	"	cir. cum. str.	4	
8			105.1	W. by N.	S.E. by E.	3			29	92	65	57	54	"	"	1	
9	3	1	108.2	W.N.W. ½ W.	"	2			29	96	68	56	54	"	"	1	
10 10.53	8	2	116.4 122.	"	W.S.W.	2			29	97	64	56	54	"	"	2	
11				"	S.S.W.	3			29	96	63	58	55	"	"	4	
Noon.				"	S.E.	3			29	95	63	61	57	"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 310 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1318 "

Coal consumed during the preceding 24 hours, 7 tons 1535 lbs.

Coal remaining on hand at Noon, 129 " 685

P. M.																	
1					S. ¾ E.	S.E.	2			29-95	70	61	57	b.c.	cir. cum	8	
2					"	E. by N.	4			29-95	69	63	59	"	cir. cum. str.	5	
3					"	"	3			29-97	69	57	55	"	"	2	
4					"	E. by S.	3			29-98	67	65	54	"	cir. cum.	8	
5					"	E.N.E.	2			29-99	67	56	54	"	"	9	
6					"	"	1			30-02	68	56	54	b.c.w.	"	9	
7					"	South.	1			30-08	72	55	52	b.w.	none	10	
8					"	"	1			30-10	45	65	54	"	"	10	
9					"	S.E.	3			30-12	65	65	54	"	"	10	
10					"	"	2			30-12	71	55	53	"	"	10	
11					"	"	2			30-12	68	55	53	"	"	10	
Mid.'					"	"	2			30-12	64	53	51	b.c.w	cir. cum	9	

4-26

under the command of W. W. Read, Commander, U. S. Navy,

Wednesday, July 20, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear first part, cloudy last part with lightning. Light to gentle breeze from the East to E.S.E. Sires banked.

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.

Alternating cloudy and clear - Barometer steady - Gentle breeze from E.S.E. and S.E. - American barque - Alice Reade of N.Y., passed at 7.00 on her way to W'd. Draught, fwd. 13'-9", aft 16-7. Midships 15-2

J. T. Hawkins
Lieut U.S.N.

8 A.M. to Meridian.

Cloudy. Light and gentle breezes from S.E. by E. to S.S.W. and S.E. At 8.38 got up anchor and stood in toward channel, course W.N.W. & W. Changing course at intervals under direction of Commanding Officer. At 9.30 took pilot on board. At end of watch steaming into docks of Buenos Aires - Draught of ship entering dock, fwd 13-9 - amidships 15-2 - aft 16-7.

C. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.

Clear first part, cloudy last part. Light to moderate breeze from S.E. to E. by N. Received boarding visits from the "Espora", "Colon" and "Provana", Ensign Stone returned boarding visits from the Colon and Provana and went to inform U.S. Consul of our arrival. Finished mooring ship and cleared up decks. Hauled fires from C & D boilers at 12.30.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant. Light airs and breezes from E.N.E. and South Ensign Hulme returned boarding visit from Argentine torpedo boat Espora, Sent liberty party on shore.

C. Stone
Ensign U.S.N.

8 P.M. to Midnight.

Clear. Gentle to light S.E. breze

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex — 3d Rate,

Buenos Ayres. A.R. – Dock. 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. ¾ E.	S.E.	2			30-12	63	52	51		bar.	cir. cum.	8	
2				"	SE. & E.	3			30-12	61	51	50		"	"	8	
3				"	"	3			30-11	54	51	50		"	"	8	
4				"	"	2			30-08	59	52	51		"	"	9	
5				"	"	2			30-09	58	53	52		"	"	9	
6				"	East	4			30-11	58	54	53		o.c.mr.	nim.	0	
7				"	"	3			30-12	58	52	52		ogl.mr.	"	0	
8				"	"	3			30-17	67	51	51		"	"	0	
9				"	"	2			30-19	69	51	51		"	"	0	
10				"	"	2			30-22	70	53	53		"	"	0	
11				"	"	1			30-23	69	54	54		"	"	0	
Noon.				"	"	1			30-22	66	54	55		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 425 gallons.

Water distilled during the preceding 24 hours, 451 "

Water remaining on hand fit for use at Noon, 1344 "

Coal consumed during the preceding 24 hours, 1 tons 535 lbs.

Coal remaining on hand at Noon, 128 " 150 "

P. M.																	
1				S. ¾ E.	S.E.	3			30-21	66	54	55		o.c.	nim.	0	
2				"	E.S.E.	3			30-20	65	56	55		bar.	cir. cum.	3	
3				"	"	2			30-19	67	56	55		"	"	3	
4				"	S.E.	2			30-20	67	56	55		-le	cir. cum. str.	4	
5				"	SE by S.	3			30-21	67	57	56		"	"	4	
6				"	"	2			30-21	72	54	56		"	"	7	
7				"	"	2			30-24	72	57	55		l.mr.	cir. cum. nim.	4	
8				"	"	3			30-24	71	57	56		"	cir. cum.	5	
9				"	"	3			30-24	70	59	57		"	"	5	
10				"	SE	4			30-25	70	58	56		"	"	1	
11				"	"	4			30-26	71	57	56		o.c.mr.	"	0	
Mid.				"	"	3			30-26	69	57	55		l.c.mr.	"	1	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, July 21st, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.

Clear and pleasant. Heavy dew. Light to gentle breeze from S.E. and S.E by E.

H. Geo. Lux Holman
Lieut. U. S. N.

4 to 8 A.M.

Cloudy and overcast most of watch. Gentle and moderate breezes from S.E by E and East. - Executed morning orders. Started distiller.—

C. M. Stone
Ensign U.S.N.

8 AM to Meridian

Overcast. foggy and wet. Light breze to light airs from the East. At 9.30 mustered at quarters. Cleaned copper Port side. Received in Equipment Department from Pay Department 8¼ lbs Beeswax. At 11.00 the Commanding Officer left ship to make official visits to the "Colon", "Provana" and "Espora"- Distilling - By order of Commanding Officer enlisted Isidoro Henrie Soheletraete, as landsman for Cruise.

W. O. Hulme
Ensign U. S. N.

Meridian to 4 P.M.

Foggy first part. Clearing latter part. Gentle to light breeze from S.E. and S.S.E. Engaged in painting copper. Sent a liberty party ashore. Sent an officer to the Legation to arrange for a visit by the Commanding Officer to the Minister. The Argentine torpedo boat Murature went out of Dock No. 3. Distilling. Drilled according to routine.

H. Geo. Lux Holman
Lieut. U. S. N.

4 to 8 P.M.

Fair. Gentle to light breze from S.E. by S. Distilling -

W. O. Hulme
Ensign U. S. N.

8 P.M. to Midnight.

Cloudy. Hazy last hour. Heavy dew. Gentle to moderate breze from S.E. by S., to S.E. Distilling.

Geo. Lux Holman
Lieut. U. S. N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES. Steamer Essex, 3d Rate,

Buenos Ayres, A.R. – Dock. 3.–

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				Sky E.	S.E.	3			30-23	63	57	55		Lc. w.	cir. cum.	1	
2				"	East.	3			30-23	62	56	55		c.c.f.	nim.	0	
3				"	"	3			30-22	61	55	54		"	"	0	
4				"	"	3			30-22	61	55	54		"	"	0	
5				"	"	3			30-22	60	56	55		c.c.f.w.	"	0	
6				"	"	2			30-22	60	55	54		"	"	0	
7				"	"	2			30-23	63	53	53		"	"	0	
8				"	"	3			30-25	69	53	52		c.c.f.	"	0	
9				"	S.E.	2			30-28	73	52	52		"	"	0	
10				"	N.E.	2			30.28	70	53	52		"	"	0	
11				"	N.E by E.	1			30.29	66	53	52		"	"	0	
Noon.				"	E by S.	2			30.28	73	53	52		"	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 470 gallons.

Water Distilled during the preceding 24 hours, 2038 "

Water remaining on hand fit for use at Noon, 2912 "

Coal consumed during the preceding 24 hours, 1 tons 915 lbs.

Coal remaining on hand at Noon, 126 " 1475 "

P. M.																	
1				S by E	S.E.	1			30-27	71	52	52		c.c.f	nim.	0	
2				"	"	1			30-25	69	52	52		"	"	0	
3				"	"	2			30-25	71	52	52		"	"	0	
4				"	E.S.E.	2			30-26	74	53	52		"	"	0	
5				"	S.E.	2			30-26	72	54	53		"	"	0	
6				"	"	2			30-24	72	54	53		"	"	0	
7				"	E.S.E.	2			30-26	75	56	55		"	"	0	
8				"	"	2			30-26	75	57	56		"	"	0	
9				"	S.E.	1			30-28	71	57	56		o.c.	"	0	
10				"	"	1			30-28	71	57	56		"	"	0	
11				"	East.	1			30-28	70	56	55		"	"	0	
Mid.				"	"	1			30-28	70	56	55		c.c.f	"	0	

under the command of W. W. Mead. Commander, U. S. Navy,
Friday - July 22, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast and foggy. Gentle breeze from S.E. and East Steam in one boiler for heating ship. Stopped distilling.

W. T. Arrison
Lieut. U. S. N.

4 to 8 A.M.
Overcast, foggy & wet. Gentle to light breeze from the East.

R. O. Wulwe
Ensign U. S. N.

8 A.M. to Meridian.
Overcast. Foggy. Light airs and breezes from S.E. first hour and from N.E. backing to E by S. after that. At 9.30 mustered at quarters and had divisional drill. The Commanding Officers of the Colon and of the Andrea Provana paid official visits. Received in the Equipment Department, transferred from the Pay Department 150 lbs saltwater soap. The following articles were condemned by the Quarterly Board of Survey and on their recommendation, by order of the Commanding Officer, were thrown in the swill barrels, viz: 15 lbs. butter, 4 lbs. sausage meat, 16 lbs tomatoes and 1½ lbs. carrots.

Geo. Lee Kellogg
Lieut. U. S. N.

Meridian to 4 P.M.
Overcast and foggy. Light airs to light breeze from S.E. and E.S.E. Commanding Officer paid an official visit to the U.S. Minister, Marine Guard and Engineers had setting up drill.

W. T. Arrison
Lieut. U. S. N.

4 o'clock to 8 P.M.
Overcast, Foggy. Light breeze from S.E. to E.S.E. At 4.50 mustered at quarters. At 4.55 went to fire quarters; times as follows, 1st stream 58 seconds; 2d stream 1 min. 20 seconds; 3rd. Stream 2 min 8 seconds; 4th Stream 2 min, 20 seconds. The Chilian President Pinto came into the Darsena Sud.

Geo. Lee Kellogg
Lieut. U. S. N.

8 P.M. to Midnight
Cloudy. fog last hour. Light airs from S.E. & East

W. T. Arrison
Lieut. U.S.N.

Examined and found to be correct.

H. K. Hewlett
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Ayres A.R. - Dock. 3. -

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	East.	1			30_28	70	56	55		o.c.f.	nim.	0	
2				"	"	1			30_28	67	57	56		"	"		
3				"	"	1			30-29	65	57	55		"	"		
4				"	"	1			30-28	64	56	55		l.c.m.w.	cir.cum	4	
5				"	"	1			30_28	63	55	54		l.c.f.w.	"	5	
6				"	"	1			30_29	63	56	55		l.c.f.	"	1	
7				"	N.E.	1			30_28	65	56	55		l.cm.	cir.cum.cir.	1	
8				"	North.	1			30-33	65	59	57		l.c.	"	1	
9				"	N.by W.	2			30.33	63	61	59		l.cm.	cir.cum.	4	
10				"	"	3			30-33	64	61	59		"	"	4	
11				"	N.NW.	3			30_36	71	62	59		"	"	6	
Noon.				"	"	3			30.36	72	63	60		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 432 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2480 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 125 " 2175 "

P. M.																	
1				S.by E.	North.	2			30-36	72	65	62		l.c.	cir.cum	3	
2				"	"	2			30-36	73	65	62		"	"	2	
3				"	N.N.E.	2			30-35	72	65	62		"	cir.cum.nim	2	
4				"	"	2			30-34	73	64	62		"	"	3	
5				"	Calm	0			30-34	73	63	61		"	"	5	
6				"	"	0			30-34	72	63	61		"	"	5	
7				"	"	0			30-34	74	63	61		"	"	5	
8				"	"	0			30-34	73	63	61		"	"	5	
9				"	"	0			30-34	73	62	60		l.cm.	cir.cum	9	
10				"	N.E.	1			30-34	73	62	60		l.c.	nim	10	
11				"	"	1			30-34	73	62	60		"	"	10	
Mid.				"	N.N.E	1			30-34	72	62	60		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, July 23, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencee and until 4 P.M.
Overcast or cloudy with fog or mist throughout watch - Barometer steady - Light airs from East.

J. T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.
Cloudy, Foggy and misty first part of the watch. Light airs from East. hauling to North. The Presidente Pinto came up to Dock No 3.

Geo. L. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Partly cloudy first part clear latter part. Light to gentle breeze from N by W. to N.N.W. - Sent boarding Officer to the Presidente Pinto - John Thorson Jordison was enlisted for the cruise of the U.S.S. Essex by order of the Commanding Officer.

[illegible]
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy and pleasant - barometer steady - light breeze from N and N.N.E. - Commanding Officer of Argentine torpedo boat chasd Espora and Boarding officer from the Presidente Pinto visited the ship.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Partly cloudy pleasant weather. Calm. At 4.50 mustered at quarters.

[illegible]
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant - barometer steady - Calms and light airs from N.E.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

H. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES

Steamer Essex, 3d Rate,
Buenos Aires A.R.—Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	N.N.E.	1			30-34	71	62	60		hor.	cir cum	9	
2				"	"	2			30-33	70	62	60		"	"	9	
3				"	"	2			30-33	70	61	59		"	"	9	
4				"	N by E.	3			30-32	69	60	58		"	"	9	
5				"	North	3			30-32	69	59	57		"	cir	9	
6				"	"	3			30-31	68	59	57		"	"	9	
7				"	"	3			30-32	65	58	56		hc.	"	8	
8				"	"	3			30-32	67	59	57		"	"	9	
9				"	"	3			30-34	70	60	58		"	"	9	
10				"	"	3			30-33	69	62	60		"	"	8	
11				"	"	2			30-33	70	62	60		"	"	8	
Noon.				"	"	2			30-33	70	63	61		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 465 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2015 "

Coal consumed during the preceding 24 hours, tons 1445 lbs.

Coal remaining on hand at Noon, 125 " 730

P. M.																	
1				S by E.	N.N.E.	2			30-31	71	65	62		hc.	cir cumth	3	
2				"	N.E.	2			30-28	71	65	62		"	"	4	
3				"	E.N.E.	2			30-27	71	64	62		"	"	4	
4				"	"	2			30-26	71	64	62		"	"	4	
5				"	N.E.	2			30-26	70	64	62		"	"	4	
6				"	"	2			30-26	69	64	62		"	cir cum	4	
7				"	"	2			30-25	67	62	60		hcw	"	8	
8				"	"	2			30-25	67	62	60		"	"	9	
9				"	"	2			30-26	64	63	60		"	"	9	
10				"	"	2			30-26	64	62	60		hazy	none	10	
11				"	"	2			30-26	64	61	60		"	"	10	
Mid.				"	"	1			30-24	64	61	59		"	"	10	

under the command of W. W. Mead Commander, U. S. Navy,

Sunday, July 24, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Until 4 A.M.

Clear and fine, light airs to gentle breeze from N.N.E. to N by E. Trice up for boating ship.

W. Rg Mason Todd.
Ensign U.S.N.

4 to 8 A.M.

Clear, and pleasant. Dew first part. Gentle breeze from North. Received 97½ lbs. fresh meat, 97½ lbs vegetables and 78 lbs. soft bread in Pay Department.

W. F. Arrison
Lieut. U.S.N.

8 AM to Meridian.

Clear and pleasant- barometer steady- gentle to light breeze from N. At 9.30 quarters - Commanding Officer inspected ship and crew - Commanding Officer of Chilian cruiser Presidente Pinto visited the ship officially -

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.

Fair and pleasant, light breeze from N.N.E to E.N.E.

W. Rg Mason Todd.
Ensign U.S.N.

4 to 8 P.M.

Cloudy - clearing latter part - barometer steady - light breeze from N.E. - Mustered at quarters at 5.45.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and fine, light breeze to light airs from N.E.

W. Rg Mason Todd.
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. *Navigator.*

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Buenos Aires, A.R. - Dock 3. -

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	N.E.	3			30-24	63	60	59		bcw.	cir. cum	8	
2				"	"	3			30-25	63	60	59		"	"	8	
3				"	"	3			30-25	63	60	59		"	"	8	
4				"	"	3			30-25	62	60	58		"	"	8	
5				"	"	2			30-24	62	60	58		"	"	8	
6				"	North	2			30-24	61	59	58		"	"	8	
7				"	N.N.W.	2			30-25	61	60	59		bcw.	"	3	
8				"	"	2			30-26	60	60	59		"	cir. cum. str.	3	
9				"	"	2			30-28	69	60	59		f.c.	cir. cum.	5	
10				"	"	2			30-29	70	63	61		"	"	3	
11				"	"	2			30-30	71	63	61		"	"	2	
Noon.				"	"	2			30-32	68	64	61		"	"	1	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " " ° ' "

Water expended during the preceding 24 hours, 399 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1616 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 124 " 1430

P. M.																	
1				S. by E.	N.N.W.	1			30-32	70	65	63		bcw	cir cum	4	
2				"	"	1			30-30	70	65	63		"	"	4	
3				"	"	1			30-30	69	64	62		"	"	2	
4				"	S.E.	1			30-30	69	63	61		"	"	2	
5				"	E.S.E.	2			30-28	68	61	59		"	"	4	
6				"	"	2			30-28	71	60	59		"	"	4	
7				"	"	2			30-28	73	61	59		bcum.	"	3	
8				"	"	2			30-28	74	61	60		"	"	4	
9				"	"	2			30-26	72	63	62		"	"	4	
10				"	N.N.E.	2			30-24	71	63	62		c.c.cu.	nimbus	0	
11				"	"	2			30-24	70	63	62		bcum	cirrocumulus	3	
Mid.				"	S.S.E.	3			30-24	69	63	62		"	"	2	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, July 25, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 1st watch P. M.
Clear and pleasant. Gentle breezes from N.N.E. - Heavy dew.

D. McIver
Ensign U. S. N.

4 to 8 A.M.
Clear - cloudy latter part - barometer steady - light breeze from N. N.E and N.N.W. - Crossed royal yards - Received in Pay Department 80 lbs. soft bread - 60 lbs. fresh beef - 100 lbs fresh vegetables.

W. J. T. Newton
Lieut. U. S. N.

8 A.M. to Meridian.
Fair and pleasant, light breeze from N.N.W. Mustered and inspected at quarters. Exercised Companies at infantry. The Commanding Officer called officially on the Chilian cruiser Presidente Pinto. - Loosed sail to dry. The Commanding Officer ~~adjudged~~ the following punishments, viz:- Boothby C. (Cd) reading Church party, - 2nd class 10 days; - Sapp L.W. (Sd.2) - Not crossing royal yard properly - 2 hours extra watch; - Shepard W (Sdy) - quarreling, raising disturbance in Ward Room - 1 night watch; - ~~Lazarus~~, Marcus (Sdy) quarreling - raising disturbance in Ward Room; 1 night watch; - O'Donnell T (Sdy). Lay in Lucky Bag - 2d class 1 week.

W. Ry Mann Field.
Ensign U. S. N.

Meridian to 4 P.M.
Cloudy. Light airs from N.N.W. and S.E. Exercised pioneers' div. and reserve at infantry - Furled sail at 3h

C. M. Stone
Ensign U. S. N.

4 to 8 P.M
Fair and pleasant, light breze from E.S.E. Mustered at quarters at 5h 45.

W. Ry Mann Field.
Ensign U. S. N.

8 P.M. to Midnight.
Cloudy. Light and gentle breezes from E.S.E, N.N.E., and S.S.E.

C. M. Stone
Ensign U. S. N.

Examined and found to be correct.

W. K. Curtis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres - A.R. - Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	N.N.W.	3			30-23	67	62	61		bmw.	none	10	
2				"	North.	3			30-20	67	62	60		"	"	10	
3				"	"	2			30-20	66	60	62		"	"	10	
4				"	"	2			30-19	66	62	60		"	"	10	
5				"	"	2			30-18	66	61	60		"	cum	8	
6				"	"	2			30-16	63	62	60		"	"	9	
7				"	"	1			30-16	62	62	60		fc	"	2	
8				"		1			30-16	66	63	61		"	-	1	
9				"	N.N.E.	1			30-16	68	63	61		bcm.	"	1	
10				"	W.N.W.	1			30-18	68	64	62		"	"	1	
11				"	N.E.	1			30-18	69	65	62		"	"	1	
Noon.				"	E.S.E.	2			30-17	69	63	61		"	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 411 gallons.

Water distilled during the preceding 24 hours, 939 "

Water remaining on hand fit for use at Noon, 2144 "

Coal consumed during the preceding 24 hours, 1 tons 250 lbs.

Coal remaining on hand at Noon, 123 " 1180 "

P. M.																	
1				S by E	E.N.E.	2			30-14	69	62	60		fc	cum	2	
2				"	"	2			30-10	67	62	60		"	"	3	
3				"	"	2			30-09	68	61	59		"	"	2	
4				"	E by N.	2			30-09	68	61	59		"	"	2	
5				"	"	3			30-08	68	59	58		"	"	1	
6				"	"	4			30-07	65	60	58		o.c.m.	"	0	
7				"	"	4			30-07	65	61	60		"	"	0	
8				"	"	3			30-07	65	61	60		"	"	0	
9				"	N.E.	3			30-06	65	63	61		o.c.	cum/nim	0	
10				"	"	3			30-05	65	63	62		fc	"	4	
11				"	N.N.E.	3			30-05	65	63	62		bcm	"	4	
Mid.				"	"	3			30-04	65	64	62		o.c.	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,

Tuesday, July 26, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cloudy until 4 A.M.
Clear. Gentle to light breezes from N.N.W. to the North.

W.O. Mulvey
Ensign U.S.N.

4 to 8 A.M.
Fair and pleasant, light breeze to light airs from N. Began to distill at 4 A.M.

W. Pitman Todd.
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy and pleasant. Light airs and breezes from N.N.E., N.E., W.N.W, and E.S.E. At 9.30 mustered at quarters and exercised crew at sail drill. Hoisted first cutter out on the dock to repair her.

Allison
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy. Gentle breeze from E.N.E. to E. by N. At 1.30 exercised 2d Company and Marines putting up exercises and Apprentices at signals. By sentence of Court Martial approved by the Hon. Secy. of the Navy - A. Rasmussen (O.S.), had two months pay amounting to 38 Dollars checked against him and Patrick Noon, (2d cl. F.) one months pay amounting to 30 Dollars, checked against him. Distilling.

W.O. Mulvey
Ensign U.S.N.

4 to 8 P.M.
Cloudy. Gentle to moderate breezes from E. by N. At 4.45 sent down light yards and unbent sail - At 5.45 mustered at quarters.

Allison
Ensign U.S.N.

8 P.M. to Midnight.
Generally overcast - Wet - Gentle breeze from N.E. to N.N.E. At 10.35 stopped distilling.

W.O. Mulvey
Ensign U.S.N.

Examined and found to be correct.

M. K. Lemist
Lieut., Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3rd Rate,
Buenos Ayres, A.R. — Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S. by E.	N. by W.	2			30-04	65	63	61		few.	cir. cum.	1	
1				"	"	2			30-03	65	63	61		"	"	6	
2				"	N. by E.	2			30-00	65	63	61		"	"	7	
3				"	"	2			29-97	64	63	61		"	"	5	
4				"	N.E.	2			29-96	62	63	61		"	"	8	
5				"	North.	2			29-96	63	62	61		fe.	"	5	
6				"	"	2			29-97	63	64	62		"	"	3	
7				"	West.	3			30-00	62	64	61		f. & m.	"	2	
8				"	Calm.	0			30-03	67	62	61		"	"	2	
9				"	NNE.	1			30-04	69	64	62		"	"	1	
10				"	North.	1			30-04	67	65	63		"	"	4	
11				"	"	1			30-03	68	66	64		"	"	4	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 398 gallons.

Water distilled during the preceding 24 hours, 1214 "

Water remaining on hand fit for use at Noon, 2960 "

Coal consumed during the preceding 24 hours, 1 tons 250 lbs.

Coal remaining on hand at Noon; 122 " 930

P. M.																	
1				S. by E.	N.E.	2			30-01	71	66	64		b.c.m.	cir. cum	4	
2				"	"	2			29-97	68	67	65		"	"	5	
3				"	N.E.	3			29-95	66	67	65		"	"	4	
4				"	"	3			29-95	68	67	65		"	"	5	
5				"	"	2			29-94	68	67	65		"	"	4	
6				"	"	1			29-93	69	66	64		"	"	4	
7				"	N.N.E.	2			29-92	68	65	64		"	"	4	
8				"	"	2			29-92	68	65	64		b.c.m.	"	4	
9				"	"	2			29-93	67	65	64		c.c.v.l.t.	cum.	0	
10				"	East.	1			29-93	66	65	64		"	"	0	
11				"	N.N.E.	2			29-93	66	65	64		"	"	0	
Mid.				"	N.N.W.	2			29-93	66	65	63		b.c.f.	cum. nim.	4	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday, July 27, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences M^ds until 4 P.M.
Clearing. Heavy dew. Light breeze from N. by W. to N. by E.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy. Light and gentle breezes from N.E., North and West. Executed morning orders. Received in Pay Department 98 3/4 lbs. fresh beef and vegetables and 79 lbs soft bread.

Gillmore
Ensign U.S.N.

8 P.M. to Meridian.
Cloudy. Calm. Light airs from N.N.E. to the North. At 9.30 - mustered at quarters. Exercised Battalion. Commanding Officer awarded the following punishments; Gibson Edward, (Ships Writer) making false pretences in regard to Money Order, - 4th Class 3 months & M^ds $2.50 Monthly Money; - Hammond W.C. (Equipment Yeoman), making false pretences in regard to Money Order, 4th Class 3 mos, & M^ds $2.50 Monthly Money. — Repairing 1st Cutter, and painting 2d Cutter and Whaleboat.

M. O'Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Fair. Hazy. Light to gentle breeze from N.N.E. to N.E. Sent a liberty party ashore.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy and misty. Lightning last hour. Light airs to gentle breeze from N.E., to N.N.E. At 5.45 mustered at quarters. At 6.45 sent down t'gallant yards

M. O'Hulme
Ensign U.S.N.

8 P.M. to Midnight
Overcast first part with heavy rain and frequent sharp lightning and thunder. Clearing last hour. Light airs and breezes from N.N.E. to East first part, hauling to N.N.W. last hour.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

M. K. Lemly
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires. A.R.-Dock. 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S by E.	N.N.E.	2			29-93	65	64	63		b.c.	cum. nim.	4	
1				"	"	2			29-92	65	64	63		"	"	6	
2				"	"	3			29-90	65	64	62		"	"	6	
3				"	North	3			29-89	65	63	62		b.c.	"	5	
4				"	"	1			29-89	65	63	62		"	"	8	
5				"	N.W.	2			29-88	65	63	62		b.c.m	"	8	
6				"	West	2			29-88	64	62	61		o.c.fw.	"	0	
7				"	"	2			29-88	62	61	60		"	"	0	
8				"	"	2			29-98	72	62	61		"	"	0	
9				"	"	2			30-02	72	61	60		o.c.m	"	0	
10				"	"	2			30-02	74	62	61		"	"	0	
11				"	"	2			30-12	74	62	61		"	"	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 416 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2544 "

Coal consumed during the preceding 24 hours, tons 1445 lbs.

Coal remaining on hand at Noon, 121 " 1725

P. M.																	
1				S by E.	West.	2			30-02	72	63	62		o.c.w	cum. nim.	0	
2				"	"	3			30-01	71	64	63		"	"	0	
3				"	"	3			30-02	72	64	63		"	"	0	
4				"	W.N.W.	2			30-02	68	64	63		"	"	0	
5				"	N.W.	2			30-02	68	65	64		"	"	0	
6				"	"	2			30-03	67	65	63		"	"	0	
7				"	North	2			30 06	67	65	64		"	"	0	
8				"	"	2			30-07	67	65	64		"	"	0	
9				"	"	1			30-08	67	64	63		"	"	0	
10				"	"	1			30-08	67	64	63		o.c.fw	"	0	
11				"	Calm	0			30-08	65	64	62		"	"	0	
Mid.				"	"	0			30.08	65	64	62		"	"	0	

under the command of W. W. Mead Commander, U. S. Navy,

Thursday, July 28, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 4 A.M.
Partly cloudy weather. Light to gentle breeze from N.N.E. Steam in one boiler for heating ship.

F. Williams
Lieut. U.S.N.

4 to 8 A.M.
Clear first part, Overcast last part with fog and mist. Light airs to light breze from the North to the West.

W.O. Wilmer
Ensign U.S.N.

8 A.M. to Meridian.
Overcast, foggy and misty. Light breze from West — At 9.30 mustered at quarters and had divisional drill. Rove off new topgallant lifts.

Geo. L.W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast and misty. Light to gentle breeze from West to W.N.W. Exercised 3rd company at setting up drill.

F. Williams
Lieut. U.S.N.

4 o'clock to 8 P.M.
Overcast. Misty. Light breze from W.N.W. backing to North. At 5.45 mustered at quarters.

Geo. L.W. Holman
Lieut. U.S.N.

8 to Midnight
Foggy and wet — Very light airs from North and Calm.

F. Williams
Lieut. U.S.N.

Examined and found to be correct.

M. K. Lewis
Lieut., Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex — 3d Rate,

Buenos Aires, A.R. — Dec. 3. —

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	Calm	0			30-10	66	64	63		c.f.	nim	0	
2				"	"	0			30-10	66	63	62		"	"	0	
3				"	S.E.	1			30-11	66	63	62		"	"	0	
4				"	"	3			30-11	65	62	61		"	"	0	
5				"	"	3			30-12	65	60	59		c.c.f.m.	"	0	
6				"	"	3			30-13	64	58	57		"	"	0	
7				"	"	3			30-14	64	57	56		"	"	0	
8				"	"	3			30-16	66	57	56		"	"	0	
9				"	"	3			30-18	69	56	55		o.f.	"	0	
10				"	"	3			30-20	71	56	55		"	"	0	
11				"	"	3			30-19	70	56	55		"	"	0	
Noon.				"	"	3			30-19	70	56	55		"	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2172 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 121 " 185

P. M.																	
1				S by E	S.E.	3			30-19	72	56	55		o.c.m.d.	nim	0	
2				"	"	3			30-19	72	56	55		"	"	0	
3				"	"	3			30-19	70	57	55		"	"	0	
4				"	"	3			30-19	74	56	55		o.c.m.	"	0	
5				"	"	3			30-19	72	56	55		"	"	0	
6				"	"	3			30-20	71	55	54		"	"	0	
7				"	"	3			30-20	70	53	52		"	"	0	
8				"	"	3			30-21	69	53	52		"	"	0	
9				"	"	4			30-20	68	53	52		"	"	0	
10				"	"	4			30-19	65	52	51		"	"	0	
11				"	"	4			30-19	65	51	50		"	"	0	
Mid.				"	"	4			30-21	66	51	50		"	"	0	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Friday, July 29, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 8 ms until 4 P.M.

Foggy - barometer steady - calm and light to gentle breeze from S.E.

J. J. Hunter
Lieut. U.S.N.

4 o'clock to 8 P.M.

Overcast. Foggy and misty. Gentle breeze from S.E. - Received for use of the crew 98 3/4 lbs. each fresh beef and vegetables and 79 lbs bread.

Geo. H. Holman
Lieut. U.S.N.

8 am to Meridian

Overcast and foggy. Gentle breeze from S.E. At 9.30 inspected at quarters and had company drills. Received the following stores in Equipment Department. 30 lbs 2½ in. bolt rope. 50 lbs. 1½ in Manilla rope. 324 yds. cotton canvas No. 4. - and 6 lbs cotton twine - In Construction and Repair 6 paint brushes, 60 lbs copper-tacks - 24 feet Cedar lumber, 12 ft White Ash lumber, 24 sq. ft sheet lead, 75 lbs. White lead, 10 lbs. lampblack, 5 gals. linseed oil and ½ gal turpentine.

W. [illegible]
Lieut. U.S.N.

Meridian to 4 P.M.

Overcast - drizzling - barometer steady - gentle breeze from S.E. - Marine Guard has drilled at setting up - Apprentices practiced with signals.

J. J. Hunter
Lieut. U.S.N.

4 to 8 P.M.

Overcast and raw. Foggy and misty, Gentle breeze from S.E. At 5.45 mustered at quarters.

[illegible]
Lieut. U.S.N.

8 P.M. to Midnight.

Overcast - misty - barometer falling slowly - moderate breeze from S.E.

J. J. Hunter
Lieut. U.S.N.

Examined and found to be correct.

[illegible]
Lieut. Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3d Rate, Buenos Ayres, A.R. — Dock-3-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	S.E.	2			30-21	65	53	52		c.d.	nim.	6	
2				"	"	2			30-21	65	52	51		"	"	0	
3				"	"	2			30-21	64	52	51		c.c.m.	"	0	
4				"	"	3			30-20	64	52	50		"	"	0	
5				"	"	3			30-21	63	52	51		c.c.	"	0	
6				"	"	2			30-21	57	52	51		c.c.m.	"	0	
7				"	"	2			30-21	62	52	51		"	"	0	
8				"	S.E. by S.	2			30-22	66	52	51		"	"	0	
9				"	"	3			30-24	68	52	51		"	"	0	
10				"	S.S.E.	3			30-26	68	53	52		"	"	0	
11				"	"	4			30-26	75	53	52		"	"	0	
Noon.				"		3			30-27	74	53	52		"	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1762 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 120 " 885.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
P. M.																	
1				S by E	S. by E.	3			30-27	76	53	52		o.c.r.	nim.	0	
2				"	S.S.E.	3			30-26	74	52	51		"	"	0	
3				"	"	3			30-28	74	50	50		"	"	0	
4				"	"	3			30-29	74	51	50		c.and f.	"	0	
5				"	"	2			30-30	77	52	50		"	"	0	
6				"	"	2			30-33	77	53	51		o.c.r.l.	"	0	
7				"	"	2			30-35	78	53	51		o.c.l.	"	0	
8				"	"	2			30-37	79	53	51		"	"	0	
9				"	"	3			30-38	78	53	51		"	"	0	
10				"	"	4			30-40	75	52	50		o.c.l.r.p.	"	0	
11				"	"	3			30-40	73	51	49		o.c.l.	"	0	
Mid.				"	"	3			30-42	72	51	49		"	"	0	

under the command of W. W. Mead. Commander, U. S. Navy,
Saturday, July 30, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Meridian to 4 A.M.
Overcast and drizzling, light to gentle breeze from S.E.

W. Ray Mann Jr.
Ensign U.S.N.

4 to 8 A.M.
Overcast, misty and wet - Gentle to light breeze from S.E. to S.E.by S.

Lieut. U.S.N.

8 A.M. to Meridian.
Overcast - raining throughout watch - barometer rising. gentle to moderate breeze from S.S.E.

J.T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast and raining. - gentle to moderate breeze from S.S.E.

W. Ray Mann Jr.
Ensign U.S.N.

4 to 8 P.M.
Overcast - raining at times - barometer steady - light breeze from S.S.E. Quarters at 4.40.

J.T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Overcast, cloudy, lightning and thunder and rain - Gentle to moderate breeze from S.S.E.

W. Ray Mann Jr.
Ensign U.S.N.

Examined and found to be correct.

Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Aires, AR. – Dock 3. –

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	S.E.	3			30-41	71	50	49		o.c.	cum. nim.	0	
2				"	"	3			30-41	71	50	49		"	"	0	
3				"	"	3			30-42	70	50	48		"	"	0	
4				"	"	3			30-42	70	50	48		hz.	cir. cum. nim.	4	
5				"	S.S.E.	2			30-44	69	49	47		"	"	6	
6				"	"	2			30-45	69	49	47		"	"	5	
7				"	"	2			30-47	70	47	45		"	"	2	
8				"	"	2			30-49	67	46	44		"	"	2	
9				"	"	2			30-49	66	45	43		"	"	3	
10				"	"	2			30-54	73	46	44		"	"	3	
11				"	"	2			30-55	75	48	45		"	"	3	
Noon.				"	S.E.	3			30-54	74	50	47		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1394 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 119 " 1555

P. M.																	
1				S by E.	E.S.E.	5			30-50	66	50	48		hz.	cir. cum.	4	
2				"	"	5			30-49	72	52	50		"	"	1	
3				"	"	5			30-50	71	52	50		"	"	1	
4				"	"	5			30-52	69	51	49		o.c.	cum. str.	0	
5				"		4			30-52	67	50	48		hz.	cum. nim.	2	
6				"	S.E. by E.	4			30-52	67	48	44		o.c.	"	0	
7				"		4			30-52	66	41	46		"	"	0	
8				"	E.S.E.	4			30-52	65	48	46		"	"	0	
9				"		4			30-54	64	48	46		"	"	0	
10				"		5			30-56	69	48	47		hz.	cir. cum. nim.	4	
11				"		5			30-56	70	50	48		"	"	2	
Mid.				"	East	6			30-56	71	50	49		"	"	2	

under the command of W. W. Mead, Commander, U. S. Navy,
Sunday, July 31, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Cloudy - Gentle breezes from S.E.

C.M. Stone
Ensign U.S.N.

4 to 8 P.M.
Cloudy and pleasant - barometer rising - light breeze from S.S.E. Harry Nelson (Sdy) - left the ship without permission - Received in Pay Department 79 lbs. fresh bread - 98 3/4 lbs. fresh beef - 98 3/4 lbs. fresh vegetables

J.J. Nevlen
Lieut. U.S.N.

8 P.M. to Meridian.
Fair and pleasant, light to gentle breeze from S.E. Mustered at quarters - Nelson H. (Sdy) absent without leave. The Executive Officer inspected the ships and crew.

W. Ny Mason Jr.
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy. Fresh breezes from E.S.E. Sent liberty party on shore.

C.M. Stone
Ensign U.S.N.

4 to 8 P.M.
Cloudy then overcast - Moderate breeze from S.E. by E. and E.S.E. Mustered at quarters. H. Nelson (Sdy.) absent without leave.

W. Ny Mason Jr.
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Moderate to fresh breezes from E.S.E. and East. - B. Corrigan returned on board drunk and noisy -
By order of Commanding Officer placed him in double irons until he becomes sober.

C.M. Stone
Ensign U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex 3d Rate,
Buenos Ayres A.R. - Book 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	E.S.E.	4-6			30-55	67	52	50		b.c.q.	cum. str.	4	
2				"	"	4-6			30-54	68	52	50		"	"	4	
3				"	"	4-6			30-52	66	52	50		o.c.q.	"	0	
4				"	"	4-6			30-50	65	52	50		"	"	0	
5				"	"	4-6			30-50	65	52	50		"	cum. nim.	0	
6				"	E by S.	4-6			30-50	64	52	50		"	"	0	
7				"	"	4-6			30-50	63	51	50		"	"	0	
8				"	"	4-6			30-50	65	52	51		"	"	0	
9				"	"	5			30-51	65	53	51		"	cir cum nim	0	
10				"	"	5			30-52	70	53	52		"	"	0	
11				"	"	5			30-52	70	53	51		"	"	0	
Noon.				"	"	5			30-51	69	53	51		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 466 gallons.

Water distilled during the preceding 24 hours, 196 "

Water remaining on hand fit for use at Noon, 1124 "

Coal consumed during the preceding 24 hours, tons 1635 lbs.

Coal remaining on hand at Noon, 118 " 2140 '

P. M.																	
1				S by E.	East.	5			30-47	71	53	51		o.c.q.	cum nim.	0	
2				"	"	5			30-46	71	53	52		o.c.d.	"	0	
3				"	"	5			30-44	69	53	52		"	"	0	
4				"	"	4			30-44	72	53	52		"	"	0	
5				"	"	4			30-42	70	54	53		o.c.r.	"	0	
6				"	"	4			30-39	66	54	53		"	"	0	
7				"	"	4			30-40	71	54	53		"	"	0	
8				"	"	4			30-40	73	54	53		"	"	0	
9				"	"	4			30-40	75	54	53		"	"	0	
10				"	"	4			30-40	75	54	53		"	"	0	
11				"	"	4			30-40	75	55	54		"	"	0	
Mid.				"	"	4			30-40	74	55	54		"	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday August 1, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Quntd 4 A.M.
Cloudy and overcast - Moderate to very fresh breze from E.S.E.

W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Overcast, - Moderate to stiff breze from E. by S. - Received in Pay Department 76 lbs. bread, 95 lbs. fresh beef and 90 lbs. vegetables

W. Rz Mearns Jr.
Ensign U.S.N.

8 A.M. to Meridian
Overcast and cloudy. Fresh breezes from E. by S. At 9.30 mustered at quarters. - the following men were absent without leave - N. Lear (B.Mate), H. Nelson (Sds). Exercised 1st Company at Infantry. - 2nd Company at Artillery and reserves infantry. - The following punishments were awarded by the Commanding Officer - Sahlen C. (Ck.) Shirt in Sucky Bag 1 extra watch. - Clinton 1 hour overtime 1 week 2nd class. - Corrigan B. (Cox) returning on board drunk and noisy - 4th class. 3 months and 2nd Monthly Money. - (2) Using abusive language to Corporal of Guard and Master at Arms, - striking Corporal of Guard and sentry while in the execution of their duty — Confinement, 5 days bread and water.
Received in Equipment Department, 153 gals. of olive oil. - N. Lear - (B.Mate) returned on board 4 1/4 hours overtime - Started distiller -

C. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Overcast. Squally - drizzling and raining. Stiff breze from the East. P. Noon (2.c.F.) was given one hours exercises under charge of sentry. Distilling -

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Cloudy and rainy. Moderate breezes from East - Distilling.

C. M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Overcast, thick and raining. Moderate breze from the East - Distilling.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

H. K. Hewitt
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Buenos Aires, A. R. - Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	East.	4			30-39	74	57	56		o.c.d	cum. nim.	0	
2				"	"	4			30-37	73	58	57		o.c.	"	0	
3				"	E.N.E.	4			30-34	71	58	57		"	"	0	
4				"	"	4			30-32	71	58	57		o.c.r.	"	0	
5				"	"	3			30-32	71	58	57		o.c.m.	"	0	
6				"	East.	4			30-31	70	57	56		"	"	0	
7				"	"	4			30-31	69	56	55		"	cum. nim. str.	0	
8				"	"	4			31-31	68	55	54		"	"	0	
9				"	"	2			30-30	70	56	55		"	"	0	
10				"	"	2			30-30	75	55	54		"	"	0	
11				"	"	2			30-31	74	55	54		"	"	0	
Noon.				"	"	2			30-29	74	56	55		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 396 gallons.

Water distilled during the preceding 24 hours, 2468 "

Water remaining on hand fit for use at Noon, 3136 "

Coal consumed during the preceding 24 hours, 2 tons 195 lbs.

Coal remaining on hand at Noon, 116 " 1995.

P. M.																	
1				S. by E.	East.	3			30-25	72	56	55		o.c.	nim	0	
2				"	"	3			30-22	71	56	55		"	"	0	
3				"	"	3			30-20	70	56	55		"	"	0	
4				"	"	3			30-19	69	56	55		"	"	0	
5				"	"	3			30-17	67	57	56		"	"	0	
6				"	"	3			30-17	68	57	56		"	"	0	
7				"	"	3			30-17	68	58	57		o.c.r	"	0	
8				"	"	3			30-17	67	58	57		"	"	0	
9				"	"	3			30-17	67	58	57		o.c.d	"	0	
10				"	E.N.E.	4			30-16	67	59	58		o.c.m.	cum. nim	0	
11				"	"	4			30-15	67	59	58		"	"	0	
Mid.				"	N.E.	4			30-14	67	60	59		o.c.r	"	0	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, August 2, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Overcast. Drizzle first hour and rain last hour. Moderate breeze from East to E.N.E. Distilling.

Geo. T. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy. Gentle and moderate breezes from E.N.E. and East.

C. W. Kline
Ensign U.S.N.

8 P.M. to Meridian.
Overcast and misty. Light breeze from the East. At 9.30 mustered at quarters. Absent without leave, H. Nelson (Sds). Exercised 1st and 3rd Divisions at great guns, 2nd Division - Instruction - Powder Division - Stations, - Marines - Infantry - Received in Equipment Department - 33 lbs. 4 in Bolt Rope and 100 grummets - in Construction and Repair 8 Door knobs and pintles, 6 files and 5 lbs solder. The Commanding Officer awarded the following punishments viz; 1st Class Boy 4/4 hours overliberty - 2nd class one month. At 10.10 half masted colors, as the flag on the Government House was half masted. Distilling

W. O. Walmsley
Ensign U.S.N.

Meridian to 4 P.M.
Overcast. Gentle breeze from East to E by N. At 1.30 drilled Marine Guard at setting up drill and 2 - Company at infantry. Sent at liberty party ashore. Distilling - Inspected dry gun-cotton.

Geo. T. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Overcast. Misty - passing showers. Gentle breeze from the East. At 5.45 mustered at quarters - Absent without leave H. Nelson (Sds). Distilling.

W. O. Walmsley
Ensign U.S.N.

8 P.M. to Midnight.
Overcast. Drizzle and mist first part of the watch; rain last hour. Gentle to moderate breeze from East to N.E. Distilling.

Geo. T. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Quinos Aires, A.R. - Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				Sby E.	N.E.	3			30-08	65	61	60		o.c.d.	nim.	0	
1				"	N.N.E.	3			30-08	65	61	60		"	"	0	
2				"	"	3			30-07	64	61	60		"	"	0	
3				"	"	3			30-06	64	61	60		"	"	0	
4				"	"	3			30-06	64	61	60		o.c.m.	"	0	
5				"	"	3			30-06	64	61	60		"	"	0	
6				"	"	3			30-07	63	61	60		"	"	0	
7				"	"	2			30-07	63	63	61		"	"	0	
8				"	North.	2			30-07	63	62	61		o.c.r.	"	0	
9				"	N.N.W.	2			30-08	68	62	60		o.c.	"	0	
10				"	"	2			30-08	73	62	61		l.c.	cir. cum.	3	
11				"	North.	2			30-08	76	64	62		o.o.	"	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 385 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2751 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 116 " 455

P. M.																	
1				Sby E.	N.N.W.	3			30-08	76	62	60		o.c.m.	cum. str.	0	
2				"	"	3			30-06	72	61	59		"	"	0	
3				"	W.N.W.	4			30-06	72	60	58		"	"	0	
4				"	"	4			30-05	72	58	57		"	"	0	
5				"	"	3			30-05	74	57	56		"	"	0	
6				"	"	3			30-05	74	57	55		"	"	0	
7				"	"	3			30-07	78	57	55		"	"	0	
8				"	"	3			30-09	75	57	55		"	"	0	
9				"	"	3			30-09	70	56	55		"	"	0	
10				"	N.W.	2			30-09	67	56	54		"	"	0	
11				"	"	2			30-10	66	56	54		"	"	0	
Mid.				"	N.N.W.	3			30-10	65	56	54		~~o.c.~~	"	3	

under the command of W. K. Mead, Commander, U. S. Navy,
Wednesday August 3, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and unto 4 A.M.
Cloudy with drizzling rain. Gentle breeze from N.E. to N.N.E. Fires for heating ship and distilling

F. Irwin
Lieut. U.S.N.

4 to 8 A.M.
Overcast and misty. Gentle to light N.N.E. breeze. Received on Pay Department, 76 lbs. bread and 95 lbs. each beef and vegetables. Distilling

W.O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Overcast with a temporary break in the clouds during the third hour. Passing shower first hour. Light breeze from between N.N.E. and N.N.W. At 9.30 mustered at quarters Sr Nelson, (Lds) absent. Had battalion drill. Distilling

Geo. F.W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast and misty with occasional light drizzle. Gentle to moderate breeze from W.N.W. to N.N.W. Exercised signal boys at signals and gave pioneers setting up drill.
Patrick Noon (2.cl.F.) was given one hours exercise on t.g.gallant forecastle, under charge of sentry. Commanding Officer of Spanish gunboat "Colon" paid an official visit.

F. Irwin
Lieut. U.S.N.

4 o'clock to 8 P.M.
Overcast. Misty. Gentle breeze from W.N.W. - At 5.45 mustered at quarters - Harry Nelson (Lds) absent
Distilling

Geo. F.W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy, clearing a little last hour. Gentle to light breeze from W.N.W. to N.N.W. -

F. Irwin
Lieut. U.S.N.

Examined and found to be correct.

W. K. Mead
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Aires, A.R. -Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S. by E.	N.N.W.	4			30-10	65	55	53		bc.	cir. cum	8	
1				"	"	3			30-09	64	54	53		"	"	8	
2				"	"	3			30-08	63	53	52		"	"	8	
3				"	"	3			30-08	63	53	52		b	none	10	
4				"	"	2-4			30-08	64	53	51		"	"	10	
5				"	"	2-4			30-08	60	52	51		"	"	10	
6				"	"	3-4			30-08	53	52	50		"	"	10	
7				"	"	3-4			30-09	55	51	49		bm.	"	10	
8				"	"	4			30-10	63	51	50		"	"	10	
9				"	"	4			30-13	68	55	53		"	"	10	
10				"	"	4			30-13	70	58	55		b.s.w.	cir cum.	9	
11				"	"	3			30-13	71	60	57		"	"	8	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2341 "

Coal consumed during the preceding 24 hours, tons 15 40 lbs.

Coal remaining on hand at Noon, 115 " 1155.

P. M.				S. by E.	N.N.W.	4			30-13	70	60	58		bc.	cir. cum.	8	
1				"	"	3			30-12	72	62	59		"	"	8	
2				"	West.	3			30-12	71	62	59		"	"	8	
3				"	"	2			30-12	72	62	59		"	"	9	
4				"	W.S.W.	3			30-13	70	61	59		"	"	10	
5				"	"	3			30-14	68	59	58		"	"	10	
6				"	"	2			30-15	64	58	57		"	"	9	
7				"	West.	2			30-17	63	58	56		"	cir str	8	
8				"	"	2			30-17	60	57	55		b.w.	"	3	
9				"	W.S.W.	2			30-16	60	55	54		"	"	4	
10				"	West.	2			30-16	59	55	54		"	"	6	
11				"	"	2			30-17	57	55	53		"	"	3	
Mid.																	

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday, August 4, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant - barometer steady - moderate to gentle breeze from W. N. W.

J. T. Newton
Lieut. U. S. N.

4 o'clock to 8 A.M.

Clear and pleasant. Light to moderate breeze from W. N. W. At 7.45 sent the light sails and crossed the light yards.

Geo. F. Holmes
Lieut. U. S. N.

8 A.M. to Meridian.

Clear and pleasant. Misty along horizon. Moderate to gentle breeze from W. N. W. At 9.30 inspected sat quarters. Harry Nelson (Sea), absent without leave. At 9.45 had sail drill. Left sails loosed to dry. Received 5 lbs copper nails in department Construction and Repair.

[illegible]
Lieut. U. S. N.

Meridian to 4 P.M.

Clear and pleasant - barometer steady. moderate to light breeze from N. N. W. and W. - Furled sail at 1. - Crew scraping and oiling bright wood work.

J. T. Newton
Lieut. U. S. N.

4 to 8 P.M.

Clear and pleasant. Gentle to light breeze from W. S. W. Sent down topgallant and royal yards and unbent the sails at 4.40. Mustered at quarters at 5.45.

[illegible]
Lieut. U. S. N.

8 P.M. to Midnight.

Alternately cloudy and clear - Barometer steady - Light breeze from W. S. W and W. At 9. Pat. Noon (2. c. F.) in single irons under sentry's charge escaped from the ship - getting ashore by forward spur shore - Placed J. B. Nolan, - Private, Marine, the sentry on duty over Noon - under sentry's charge to await investigation. Sent out offers of reward of $10 for apprehension and delivery of Pat. Noon - on board.

J. T. Newton
Lieut. U. S. N.

Examined and found to be correct.

L. K. Reeves
Lieut. Navigator.

4-303

LOG of the UNITED STATES — Steamer Essex, 3rd Rate, Buenos Aires, A.R. - Dock 3.-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	West	2			30-19	55	54	52		bcw.	cir. str.	3	
2				"	"	2			30-20	55	53	52		"	"	5	
3				"	"	1			30-20	55	52	51		"	"	4	
4				"	"	1			30-19	54	51	50		"	"	4	
5				"	"	2			30-20	54	51	50		"	"	8	
6				"	"	2			30-19	53	51	50		"	"	7	
7				"	"	2			30-19	51	50	49		bc	cir. cum. str.	3	
8				"	"	2			30-19	55	51	50		"	"	2	
9				"	W. & W.	2			30-25	65	53	51		"	cir. str.	5	
10				"	"	2			30-27	68	55	53		"	"	5	
11				"	West.	2			30-27	70	57	55		"	"	5	
Noon.				"	"	2			30-25	71	59	57		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 437 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1904 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 114 " 1855

P. M.														
1			S by E	W.S.W.	3		30-24	70	61	58	bc	cir. cum. str.	6	
2			"	S.W.	4		30-23	70	62	58	"	"	6	
3			"	"	4		30-23	71	63	59	"	"	6	
4			"	"	4		30-23	70	63	59	"	"	6	
5			"	W.S.W.	2		30-23	69	63	59	"	"	6	
6			"	"	2		30-23	67	62	58	"	"	7	
7			"	"	1		30-23	66	61	58	"	"	9	
8			"	"	2		30-24	65	59	56	"	"	9	
9			"	"	2		30-25	64	57	55	"	"	9	
10			"	"	2		30-25	62	55	53	"	"	9	
11			"	"	2		30-25	62	55	53	b	none	10	
Mid.			"	"	2		30-25	62	54	52	"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday August 5, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M.
Fair and pleasant, light breeze to light airs from West.

J. W. Ry Mann Jr. Asst.
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant first part, cloudy latter part. Light breeze from West. Crossed topgallant yards at 7.45. Received 95 lbs. fresh meat, 95 lbs vegetables & 76 lbs soft bread in Pay Department.

F. Harrison
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant - barometer fluctuating - light breeze from W.S.W. and W. - At 9.30 mustered at quarters Absent without leave Harry Nelson (Sds) - Patrick Noon (2.c.F.) - Jere Dwyer (C.H.) - J. Cronin (Oiler). 2nd Company were drilled as Artillery - 3rd. Oral instruction - Pioneers - Small Arms. - N. Lear (B. Mate) reported expiration of term of enlistment - Offered a reward of $20. for apprehension and delivery on board of Pat. Noon. (2.c.F.). J. B. Nolan (Private Marine) was placed in double irons under sentry's charge to await trial by Court Martial. Loosed sail at 10.

J. T. Hawkins
Lieut. U.S.N.

Meridian to 4 P.M.
Fair and pleasant - gentle to moderate breeze from W.S.W. and S.W. Crew engaged in scraping and painting bright woodwork.

J. W. Ry Mann Jr.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer steady - light breeze and light airs from W.S.W. Quarters at 5.45 - no additional absentees

J. T. Hawkins
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine - light breeze from W.S.W.

J. W. Ry Mann Jr.
Ensign U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Aires A.R. Lock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S. by E.	S.W.	3			30-25	61	52	50		b	none	10	
1				"	"	3			30-25	60	51	49		"	"	10	
2				"	"	3			30-25	59	50	48		"	"	10	
3				"	W.S.W.	3			30-25	59	50	48		b.c.	cir cum.	9	
4				"	S.W.	2			30-25	59	50	48		"	"	9	
5				"	"	2			30-25	53	49	48		"	"	9	
6				"	"	2			30-25	50	50	48		"	"	9	
7				"	"	1			30-29	60	50	49		"	"	9	
8				"	"	1			30-30	67	52	50		"	"	9	
9				"	N.E.	1			30-31	70	55	54		"	"	9	
10				"	N.N.W.	1			30-33	69	59	57		"	"	9	
11				"	"	2			30-33	69	59	57		"	"	9	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 500 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1400 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 114 " 315

P. M.																	
1				S. by E.	W.N.W.	2			30-34	64	61	57		b.c.	cir. cum.	9	
2				"	"	2			30-29	64	61	58		"	"	9	
3				"	"	2			30-25	61	62	60		"	"	9	
4				"	"	2			30-24	62	64	61		"	"	0	
5				"	East.	1			30-25	66	65	63		b.c.	cir. str.	6	
6				"	"	1			30-24	67	65	62		"	"	6	
7				"	E.N.E.	1			30-24	64	62	60		"	"	6	
8				"	"	2			30-24	61	61	59		"	"	5	
9				"	"	2			30-25	65	60	58		b.o.w.	"	7	
10				"	N.E.	1			30-25	65	60	58		"	"	6	
11				"	"	1			30-25	65	60	58		"	"	6	
Mid.				"	N.N.E.	2			30-25	64	59	57		"	"	5	

under the command of W. W. Mead Commander, U. S. Navy,
Saturday, August 6, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Clear. Gentle S.W. breeze.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer rising - light breeze from S.W. A rowlock was found missing from the Catamaran.

J.T. Hawkins
Lieut. U.S.N.

8 P.M. to Meridian.
Clear and pleasant - light airs from S.W. shifting to N.E. and hauling to N.N.W. Released B. Corrigan (Cox) from confinement.

F.W. Ry Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.
Clear. Light breeze from W.N.W. The Comdg. Officer of the U.S.S. Yantic came aboard to report his arrival.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and fine, light airs from E and E.N.E. The Commander and Officers gave an afternoon reception and dance to their friends on shore. The entertainment ended at 6 P.M.

F.W. Ry Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear to fair. Light airs to light breeze from E.N.E. to N.N.E.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

H.K. Lemly
Lieut. Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3d Rate,
Buenos Ayres, A.R. - Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	N.N.E.	1			30-26	6	2 58	57		b.c. w.	cir. Str.	5	
2				"	"	1			30-26	6	0 58	57		"	"	5	
3				"	"	1			30-26	6	0 58	56		"	"	4	
4				"	"	1			30-24	5	7 58	56		"	"	3	
5				"	North	1			30-24	5	7 58	56		"	"	2	
6				"	"	2			30-24	5	7 58	56		b.c.	"	2	
7				"	"	2			30-26	5	6 58	56		"	"	4	
8				"	"	2			30-27	5	6 58	56		"	"	3	
9				"	N.N.E.	2			30-28	6	0 58	57		"	"	3	
10				"	North.	3			30-30	6	5 59	57		"	"	3	
11				"	N.N.E	3			30-32	6	9 60	58		"	cir. cum. Str.	3	
Noon.				"	"	3			30-32	6	9 61	59		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 376 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 10 28 "

Coal consumed during the preceding 24 hours, tons 1635 lbs.

Coal remaining on hand at Noon, 113 " 920

P. M.																	
1				S. by E.	North.	2			30-30	6	9 64	62		b.c.	ci. cum. Str.	3	
2				"	E.N.E.	2			30-28	6	9 64	62		"	"	3	
3				"	"	2			30-26	6	8 64	62		"	"	4	
4				"	N.E.	2			30-25	6	8 63	61		"	"	2	
5				"	East.	2			30-25	6	7 62	61		"	"	4	
6				"	"	2			30-25	6	5 60	58		"	"	4	
7				"	"	2			30-25	6	5 60	58		"	"	1	
8				"	N.E.	2			30-25	6	5 61	59		"	"	2	
9				"	"	3			30-26	6	5 61	59		"	Cum. Nim.	2	
10				"	"	3			30-25	6	5 61	59		o.c.	"	0	
11				"	"	3			30-25	6	5 61	59		"	"	0	
Mid.				"	"	3			30-25	6	5 61	59		"	"	0	

under the command of W. W. Mead - Commander, U. S. Navy,
Sunday, August 7, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Partially cloudy with light airs from N.N.E.

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Cloudy - light airs to moderate breeze from N and N.N.E. Received in Pay Department 73 lbs. soft bread 9 1/4 lbs. fresh beef and 9 1/4 lbs vegetables.

W. R. Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy - Light to gentle breeze from N.N.E. to the North At 9.30 the Commanding Officer inspected the crew at quarters and the ship. At 9.50 called all hands to muster, read Articles for Government of the Navy and mustered the crew - Absent without leave Nelson Harry (Lds) = Smith Chas (Bugler) = Noon Patrick (2.c.F.) = Cunielly T.C. (Lds.), = Dwyer Jere (Ct.) = Sliney J. (Sea) Dwyer Patrick (Boy). At 12. dressed ship rainbow fashion with Argentine flag at Main.

W. O. Malone
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy and pleasant. Light breezes from North to N.E. Began distilling - Sent liberty party on shore - J. Sliney (Sea) returned on board 7 hours overtime.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Cloudy - Light breze from the East to N.E. At 5.45 mustered at quarters - Absent without leave, Nelson Harry (Lds) Noon, P. (2.c.F.) Smith C. (Bugler) = Cunielly, T.C. (Lds) Dwyer Jere (Ct.) Dwyer Patrick (Boy). Distilling -

W. O. Malone
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Gentle breezes from N.E. Chas Smith (Bugler) returned on board 12 hours overtime.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Aires A.R. - Dock 3 -

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	N.N.E	3			30-24	64	60	59		o.c.	cum. nim	0	
2				"	"	3			30-23	64	59	58		"	"	0	
3				"	"	2			30-22	64	59	58		"	"	0	
4				"	"	2			30-20	64	59	58		"	"	0	
5				"	"	2			30-20	61	59	57		"	"	0	
6				"	"	1			30-19	61	59	57		"	"	0	
7				"	"	1			30-19	61	59	57		o.c.p	"	0	
8				"	N.E.	2			30-20	65	61	58		"	"	0	
9				"	East	2			30-20	65	59	57		"	"	0	
10				"	"	2			30-21	71	58	57		"	"	0	
11				"	"	2			30-22	74	59	57		"	"	0	
Noon.				"	"	3			30-22	73	59	56		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 422 gallons.

Water distilled during the preceding 24 hours, 2479 "

Water remaining on hand fit for use at Noon, 30885 "

Coal consumed during the preceding 24 hours, 1 tons 1865 lbs.

Coal remaining on hand at Noon, 111 " 1295

P. M.																	
1				S by E.	East	3			30-18	71	59	57		o.c.	cum. nim.	0	
2				"	"	3			30-15	73	58	57		"	"	0	
3				"	E.S.E.	3			30-15	74	58	57		"	"	0	
4				"	"	3			30-13	71	57	57		"	"	0	
5				"	East	4			30-12	74	57	56		"	"	0	
6				"	"	4			30-11	77	57	56		"	"	0	
7				"	"	4			30-11	75	57	56		o.c.l.	"	0	
8				"	"	4			30-12	74	58	57		o.c.	"	0	
9				"	E.N.E.	3			30-15	73	59	58		"	"	0	
10				"	"	4			30-15	72	59	58		o.c.p.	"	0	
11				"	"	4			30-13	71	58	57		"	"	0	
Mid.				"	"	3-5			30-12	70	59	57		o.c.q.	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday August 8, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mn until 4 A.M.
Overcast. Gentle to light breze from N.N.E. Distilling.

Jno. H. Holman
Lieut. U.S.N.

4 to 8 A.M.
Overcast. Gentle to light N.E. breze. Distilling.
Received in Pay Department, 70 lbs. Bread and 87½ lbs, each Beef and Vegetables.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy with light rain showers. Light and gentle breezes from East. At 9.30 mustered at quarters, the following men were absent without leave - Nelson Harry (Lds) = Storm P. (2 c.c.) Dwyer Jere (C.M.) = Dwyer Patrick (Boy) = Cunielly T.C. (Lds) = Jones W.S. (Chf. Q.M.) = McSweeney E. (W.T.) = Thomas Larsen (Captain Afterguard) reported expiration of term of enlistment. Exercised 2nd Company at artillery and 3rd Company at infantry. The Commanding Officer awarded the following punishments, - Cronin J.H. (Oiler), 6¼ hours overtime - 2d. class - 1 month; = Korthby C. (Q.M.) - ½ hour overtime, 1 week 2d class; = Horvath E. - (Sergt. M.C.) ½ hour overtime 1 week 2nd. class; = Sliney J. (Sea). 7 hours overtime 2d. class. 1 month; = Smith. Chas (Sd Bugler). 12 hours overtime, 2nd class 1 month; = Driscoll M. (C.M.) 25 minutes overtime 1 week 2d. class; = McCarthy M. (C.M.) 25 minutes overtime, 1 week 2nd. class; = Hansen H. (Sea) - 25 minutes overtime, 1 week 2nd class; = Stopped distilling.

C. W. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Overcast. Raw. Gentle breze from East to E.S.E. Exercised second company in setting up drill. and pioneers in 3 in. howitzer drill. Engaged in covering poop with canvas. Sent a liberty party ashore, Jas Nolan Private, was given one hours exercise.

Jno. H. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy. Moderate breze from East. At 4.45 sent down light yards. At 5.45 mustered at quarters - the following men were absent without leave, Nelson Harry (Lds) = Storm P. (2 c.c.) = Dwyer Jere (C.M.) = Dwyer Patrick (Boy) = Cunielly T.C. (Lds) = Jones W.S. (Chief Quarter Master) = McSweeney E. (Water Tender). - W.S. Jones (Chief Quarter Master) and E. McSweeney. (Water Tender) returned on board 12 hours overtime.

C. W. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy, with light passing showers. Gentle to moderate breze from E.N.E. with light squalls last hour. Jere Dwyer (C.M.) returned on board 8 o'clock hours overtime

Examined and found to be correct.

[redacted]
Lieut. U.S.N.

Le. K. Lewis
Lieut, Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires, A.R. -Dock 3.-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	E.N.E.	4			30-12	65	59	58		o.c.	Cum. nim	0	
2				"	"	4			30-11	64	59	58		o.c.r.	"	0	
3				"	"	4			30-08	62	58	57		"	"	0	
4				"	"	3			30-07	61	57	56		"	"	0	
5				"	"	3			30-05	62	57	56		"	"	0	
6				"	"	2			30-05	62	55	55		"	"	0	
7				"	"	1			30-05	60	55	55		"	"	0	
8				"	"	1			30-04	62	55	55		"	"	0	
9				"	South.	1			30-09	66	56	55		o.c.	"	0	
10				"	"	1			30-13	71	57	56		"	"	0	
11				"	"	2			30-15	71	57	55		"	"	0	
Noon.				"	"	1			31-15	72	58	56		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 384 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2701 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 110 " 1995 "

P. M.																	
1				S. by E.	S. by W.	3			30-14	69	59	57		b.c.	Cum. nim.	2	
2				"	"	3			30-13	68	58	56		o.c.p.	"	0	
3				"	"	3			30-13	68	58	56		b.c.	"	2	
4				"	"	3			30-13	68	58	56		"	"	1	
5				"	"	3			30-13	67	58	56		"	"	2	
6				"	S.S.E.	3			30-13	67	56	55		"	"	6	
7				"	E.S.E.	2			30-14	66	56	55		"	"	7	
8				"	"	1			30-15	66	56	55		"	"	2	
9				"	Calm	0			30-18	64	57	55		"	"	8	
10				"	"	0			30-20	64	56	55		"	"	8	
11				"	"	0			30-20	63	55	54		b.c.	"	0	
Mid.				"	"	0			30-21	63	55	54		"	"	0	

under the command of W. W. Mead Commander, U. S. Navy,
Tuesday August 9, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast. Raining after one o'clock. Moderate to gentle breeze from E.S.E.

H. Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Overcast. Cloudy and rainy. Light airs to gentle breezes from E.N.E.

C.M. C. P. Mikkone
Engineer U.S.N.

8 A.M. to Meridian.
Overcast. Light airs to light breeze shifting at 8.30 from E.N.E. to South. At 9.30 mustered at quarters, and had divisional instruction. Absentees - Nelson Harry (Sds) = Noon Patrick - (2.c.F.) - Dwyer P. (Boy) = Cunielly E.C. (Sds) - Clinton Jno (2c F) - Cooney J (Private) Griffith Geo (Private) = Miller C.J. (Barber) = Zimmerman F.K. (Sea). The Commanding Officer adjudged the following punishments, viz; Heidmann H. (Sea) - Dirty box in Lucky Bag - 1 night watch; = Dwyer Jere (Ch.), 85 hours overtime - 4th Class 3 months and $2.50 Monthly Money. = Forrest T.W. (Dr. M), Dirty box in Lucky Bag, 1 night watch. - Dan'l Parker (Sds), returned aboard from the hospital at Montevideo - A copy of charges and specifications preferred by the Commanding Officer against Private J.B. Nolan U.S.M.C., was delivered to the accused.

H. Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy with light passing showers first two hours. Gentle breeze from S. by W. Exercised Marines, Reserves and signal boys

F. M. Wilcox
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clearing. Gentle to light breeze from S by W, hauling to E.S.E. J. Clinton, (2.c.F.) returned aboard from Police Station 8½ hours overtime. At 5.45 mustered at quarters; - Absentees - H. Nelson (Sds); P. Noon (2c.F.); J. Cooney (Private); - G. Griffith (Private); P. Dwyer (Boy); F.K. Zimmerman (Sea), F.C. Cunielly (Sds) and C.J. Miller (Barber).

H. Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Heavy dew latter part. Misty over the city. Calm.

F. M. Wilcox
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Aires. A. R. – Dock 3 –

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S by E.	Calm.	0			30-21	62	54	52		Clear	cir. str.	6	
1				"	"	0			30-21	61	52	51		"	"	6	
2				"	"	0			30-21	61	51	50		"	"	8	
3				"	"	0			30-20	60	51	50		"	"	8	
4				"	E. S. E.	1			30-20	59	50	49		b.c.f.	"	7	
5				"	S. E.	1			30-20	56	49	48		"	"	3	
6				"	"	1			30-21	56	50	49		"	"	1	
7				"	"	2			30-21	57	49	48		o.cf.	cum	0	
8				"	"	2			30-23	63	50	50		"	"	0	
9				"	East	3			30-26	67	53	51		b.c.f.	"	3	
10				"	E. N. E.	3			30-28	68	54	52		bc	ci. cum. nim	3	
11				"	"	3			30-28	72	54	52		"	"	3	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 350 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2351 "

Coal consumed during the preceding 24 hours, tons 15 lbs. 40

Coal remaining on hand at Noon, 110 " 455.

P. M.																	
1				S by E.	East.	2			30-26	67	54	52		bc.	cum. nim	4	
2				"	"	2			30-23	66	55	53		"	"	3	
3				"	"	2			30-21	64	56	54		"	"	2	
4				"	"	2			30-22	65	58	56		"	"	2	
5				"	"	3			30-22	64	59	57		"	"	5	
6				"	"	3			30-20	66	56	55		"	"	5	
7				"	"	3			30-21	73	55	54		"	"	6	
8				"	"	3			30-21	71	55	54		"	"	5	
9				"	"	3			30-22	67	56	55		"	"	4	
10				"	"	3			30-22	66	56	55		"	"	1	
11				"	"	2			30-23	65	57	56		o.c.	"	0	
Mid.				"	S by E.	2			30-23	64	56	55		"	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,

Wednesday, August 10, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.

Clear and pleasant. — barometer steady — Calm — Forrest Wm (Qr. Gr.) and Heidmann A. (Sea) Stood 4 hours extra watch by order of Commanding Officer.

J. J. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.

Foggy. Light airs and breezes from E.S.E. to S.E. — At 7.45 crossed light yards. Received for use of crew 85 lbs. each fresh beef and vegetables and 68 lbs. head.

Jas. Lee Holmes
Lieut. U.S.N.

8 A.M. To Meridian.

Foggy first part, blue sky and clouds latter part. Light to gentle breze from S.E. to E.N.E. At 9.30 inspected at quarters and had battalion drill. Absent without leave, Nelson H. (Lds). Noon. Patrick (A.c.F.) = Dwyer Patrick (Coy), = Miller C. (Barber). Zimmerman F. L. (Sea) = Corney J. (Private) = Griffith G. (Private) = Cunelly E. C. (Lds). — The Commanding Officer adjudged the following punishments, viz; Jones W. S. (Chief Qr. Master) — 12 hours overtime - 2d class 1 month; = McSweeney E. (Water Tender) 12 hours overtime - 2d class 1 month; = Clinton Jno (2d class Fireman) 8 ½ hours overtime 2d class 1 month. - By order of Commanding Officer Harry Nelson (Lds.), was declared a deserter from this ship and the U.S. Naval Service from July 31. 1892.

W. W. Mead
Lieut. U.S.N.

Meridian to 4 P.M.

Cloudy and pleasant - barometer falling - light breze from E. The Commanding Officer accompanied by two officers - at the invitation of the Commanding Officer of the Chilian Cruiser Presidente = Pinto, - attended the ceremony of transferring the remains of General Juan Martinez de Roz as from the railway station to the Pinto. Placed Danl Parker, under sentry's charge for safe keeping - owing to insanity. Jas. Nolan, (Private M.C.) was given one hours exercise.

J. J. Newton
Lieut. U.S.N.

4 to 8 P.M.

Partly cloudy, Gentle breze from East, At 5.45 mustered at quarters.

W. W. Mead
Lieut, U.S.N.

8 P.M. to Midnight.

Cloudy or overcast. barometer rising slowly - gentle to light breze from E and Sly & At 10.30 E.J. Tyrrell (P.S), was brought on board by two vigilantes, having been found near the bridge, unable to walk owing to intoxication and sprained ancle W. Witton, (B. Mate) returned from two days leave of absence.

Examined and found to be correct.

J. J. Newton
Lieut. U.S.N.

Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 2d Rate,
Buenos Aires A.R., - Dock 3, -

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	E. by E.	1			30-23	64	56	55		o.c.w.	nim	0	
2				"	"	1			30-23	63	56	55		"	.	0	
3				.	East.	2			30-23	63	56	55		b.c.w.	cir. cum.	2	
4				"	E.N.E.	2			30-22	62	56	55		"	"	5	
5				"	"	1			30-22	62	56	55		o.c.	"	0	
6				"	S.E.	1			30-22	62	55	54		"	"	0	
7				.	S.S.E.	1			30-23	58	54	53		"	.	0	
8				"	"	1			30-23	65	55	54		o.c.m.	.	0	
9				"	South.	1			30-28	64	56	55		.	.	0	
10				"	"	1			30-29	70	57	56		.	.	0	
11				"	"	1			30-29	70	58	57		"	.	0	
Noon.				"	"	1			30-29	70	60	57		b.c.	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 328 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2023 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 109 " 1155 ".

P. M.																	
1				S by E.	South.	2			30-28	70	60	58		b.c.	cum. nim.	1	
2				"	"	2			30-27	68	61	59		"	.	2	
3				"	"	2			30-27	67	61	59		"	cir. cum.	4	
4				.	"	3			30-27	67	61	58		"	.	6	
5				"	S.S.W.	2			30-27	68	61	59		"	.	5	
6				"	.	1			30-26	68	61	59		"	"	5	
7				.	"	1			30-26	67	60	58		"	"	6	
8				.	"	1			30-27	65	59	57		"	"	7	
9				"	W.S.W.	3			30-29	64	57	54		b.c.w.	"	8	
10				"	.	3			30-29	62	53	51		"	.	8	
11				"	S.W.	4			30-20	61	51	49		"	"	8	
Mid.				"	"	4			30-21	60	49	47		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, August 11, 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Overcast, then clouding. Light airs to light breeze from E. S.E. to E.N.E.

W. Ray Mason Ens.
Ensign U.S.N.

4 to 8 A.M.
Overcast and cloudy - Misty latter part. Light airs from E.N.E to S.S.E.

Lieut. U.S.N.

8 A.M. to Meridian.
Overcast - barometer rising - light airs from S - At 9.30 - quarters - absentees without leave Noon P. (2 cl) - Cunelly T.C. (Sds) - Dwyer Patrick (Boy) - Miller C.J. (Barber) - Cooney J. (Private) - Griffith G (Private) At 10 - Summary Court met for the trial of Jas B. Nolan (Private M.C.) Commanding Officer of the Chilian cruiser Presidente Pinto came on board to return thanks for our participation in the funeral ceremony of yesterday - Court adjourned at 12 - to reconvene at 1.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy, light breeze from South. Crew engaged in scraping. At 1.00 Court Martial reconvened & at 1.20 adjourned to await action of the Reviewing Authority

W. Ray Mason Ens.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer steady - light breeze and light airs from S.S.W. Furled sail - sent down light yards and sent light sails - At 5.45 mustered at quarters - no additional absentees - C.J. Miller (Barber) was brought on board 58 hours overtime - having been detained at the comissariat - J. Cooney (P.M.) - G. Griffith (P.M.) returned 58 hours overtime. P. Dwyer (Boy) returned 107 hours overtime.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight
Clear and cool. Gentle to moderate breeze from N.N.W. to S.W. T.C. Cunielly (Sds) returned 110¾ hours overtime.

Geo. F. W. Holcombe
Lieut. U.S.N.

Examined and found to be correct.

H. K. Benson
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires, A.R. - Dock 3-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S by E.	S.W.	3			30-31	58	47	46		hc.	cir, cum	9	
1				"	"	3			30-31	57	47	45		"	"	9	
2				"	"	3			30-31	57	46	45		"	"	9	
3				"	"	3			30-30	56	45	44		"	"	9	
4				"	"	3			30-30	55	44	43		hc	none	10	
5				"	"	3			30-30	49	44	43		hc.	cir.	9	
6				"	"	3			30-30	50	45	44		"	"	9	
7				"	"	3			30-31	61	46	44		hcm.	"	9	
8				"	"	3			30-34	62	48	46		"	"	9	
9				"	"	3			30-37	65	51	48		"	"	9	
10				"	"	2			30-40	69	53	50		"	"	9	
11				"	"	2			30-40	70	58	52		"	"	9	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 379 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1501 "

Coal consumed during the preceding 24 hours, tons 1160 lbs.

Coal remaining on hand at Noon, 108 " 2235 "

P. M.				S. by E.	SSW.	3			30-38	71	58	55		hm.	none		
1				"	"	3			30-38	71	59	55		"	"		
2				"	"	3			30-38	75	60	55		"	"		
3				"	"	2			30-38	73	60	56		"	"		
4				"	South	2			30-37	71	60	56		hcm.	Circum	8	
5				"	"	1			30-37	69	60	57		"	"	8	
6				"	"	1			30-38	69	59	56		"	"	8	
7				"	Calm	0			30-38	68	58	55		"	"	8	
8				"	"	0			30-38	67	57	54		"	"	9	
9				"	"	0			30-38	67	56	53		"	"	9	
10				"	"	0			30-38	65	55	52		hc.	none	10	
11				"	"	0			30-38	65	54	52		"	"	10	
Mid.																	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Friday August 12, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences am Cyntel 4 P.M.
Clear. Gentle breeze from S.W.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear - cool and pleasant - barometer steady - gentle breeze from S.W. Received in Pay Department - 70 lbs soft bread, 87½ lbs. fresh beef - 87½ lbs. vegetables. Crossed light yards - bent gear.

J.T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and fine. light to gentle breeze from S.W. Mustered and inspected at quarters - P. Noon (2. c.c.) - absent without leave - Exercised at sail drill. The Commanding Officer awarded the following punishments;- Zimmerman F.K. (Sea). 40 hours overtime - 4th class 2 months and $2.50 Monthly Money;= Tyrrell E.J. (C.S.) tight from liberty - 4th class 1 month;= Cunelly F.K. (Ldg) 116¾ hours overtime - 4th class 3 months and $2.50 Monthly Money;= ——— Dwyer P. (Boy) tight from liberty, 58 hours overtime - 4th class 3 months and $2.50 Monthly Money;= Miller C.J. (Barber) 58 hours overtime — 4th class 3 months and $2.50 Monthly Money;= Cooney Jas (Private) tight from liberty, 58 hours overtime - 4th class 3 months and $2.50 Monthly Money;- Griffith G. (Private) tight from liberty, 58 hours overtime, 4th class 3 months and 2.50 Monthly Money;= Sahlen C. (CH) Very slow in moving about decks, - 1 night watch -

W. Rayman Field
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle S.S.W. breeze. At 1. furled sail - At 1.50 called all hands to muster and read Summary Court-martial proceedings in the case of James B. Nolan (Private M.C.) - who was sentenced to Solitary confinement, in double irons, on bread and water, for Thirty days, with full ration every fifth day, loss of pay for three months, amounting to Thirty-nine Dollars, and extra police duty for three months. Danl. Parker (Ldg) was transferred to Municipal Asylum for insanity. Issued Clothing and Small Stores to the crew.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and fine, light breeze to light airs from S. Sent down royal yards - Mustered at quarters - P. Noon (2, c.c.), absent without leave -

W. Ray Mon Field
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant - Calm.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Ayres, A.R. -Book 3

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S. by E.	S.W.	1			30_38	65	53	51		h.m.w.	none	10	
1				"	"	1			30-38	65	52	50		"	"	10	
2				"	"	1			30_38	64	51	49		"	"	10	
3				"	"	1			30-38	63	51	49		"	"	10	
4				"	"	1			30_38	62	50	48		h.w.	"	10	
5				"	"	1			30-38	61	49	47		l.c.m.	cum.	9	
6				"	"	1			30_38	56	49	47		"	cir. cum.	8	
7				"	"	1			30_38	55	50	48		"	cum	8	
8				"	E.S.E	1			30-38	60	50	49		h.m.	"	10	
9				"	E.by E.	1			30-39	64	53	52		"	"	10	
10				"	N.E.	1			30-36	72	58	56		"	"	9	
11				"	"	2			30. 37	71	60	59		"	"	9	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 432 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1072 "

Coal consumed during the preceding 24 hours, tons 20/5 lbs.

Coal remaining on hand at Noon, 108 " 220.

P. M.																	
1				S. by E.	N.E.	1			30-37	68	62	59		h.c.	cir. cum.	9	
2				"	"	1			30-36	62	63	59		"	"	9	
3				"	"	1			30-35	61	63	60		"	"	9	
4				"	"	2			30-34	65	56	56	2	"	"	8	
5				"	"	2			30-34	65	65	62		"	"	5	
6				"	"	2			30-34	65	60	62		"	"	5	
7				"	"	2			30-34	64	61	59		h.c.w.	"	8	
8				"	"	2			30-33	62	60	59		"	"	9	
9				"	"	3			30-30	62	60	59		"	"	7	
10				"	N.N.E	3			30-30	61	59	58	2	"	"	7	
11				"	"	3			30-29	60	58	56		"	"	6	
Mid.				"	"	3			30-28	59	58	56		"	"	7	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, August 13, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Light airs from S.W.
Heavy dew.

C. M. Clone
Ensign, U.S.N.

4 o'clock to 8 A.M.
Hazy but pleasant. Light airs from S.W.

Geo. H. Coleman
Lieut. U.S.N.

8 A.M. to Meridian
Clear and pleasant. Light airs to light breeze from E.S.E. to N.E. Prepared for afternoon reception on board. Absent without leave P. Noon (2.cc.F.). Started distilling.

W. O. Hulme
Ensign, U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light airs and breezes from N.E. Placed W. J. Mead, (S. App. 1.cl.) under sentry's charge to await investigation, for disobedience of orders. By order of the Commanding Officer declared P. Noon,

C. M. Clone
Ensign, U.S.N.

Second class Fireman, a deserter from the vessel & the U.S. Naval Service from August 4th 1892.

4 to 8 P.M.
Fair. Light to gentle N.E. breeze. Distilling.

W. O. Hulme
Ensign, U.S.N.

8 P.M. to Midnight.
Partially cloudy. Gentle breezes from N.E. and N.N.E.

C. M. Clone
Ensign, U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires, A. R. Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	North	3			30-26	56	56	55		bc.	Cum. Str.	4	
2				"	"	3			30-26	54	55	54		"	"	5	
3				"	"	3			30-25	55	55	53		"	"	6	
4				"	"	3			30-24	55	54	52		"	"	5	
5				"	"	3			30-25	55	54	52		"	"	6	
6				"	"	4			30-26	55	54	55		"	"	4	
7				"	"	4			30-27	56	54	53		"	"	2	
8				"	"	4			30-30	60	55	54		"	"	2	
9				"	"	4			30-32	63	58	56		"	"	4	
10				"	"	4			30-33	67	59	57		"	"	4	
11				"	"	3			30-35	68	59	57		"	"	6	
Noon.				"	"	3			30-34	64	61	59		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 395 gallons.

Water distilled during the preceding 24 hours, 2233 "

Water remaining on hand fit for use at Noon, 2910 "

Coal consumed during the preceding 24 hours, 1 tons 1295 lbs.

Coal remaining on hand at Noon, 106 " 1165 "

P. M.																	
1				S by E.	North	1			30-32	69	62	61		bc.	cir. cum. str.	4	
2				"	N.N.E.	3			30-30	70	63	61		"	"	4	
3				"	"	3			30-29	69	64	62		"	"	4	
4				"	"	3			30-29	68	63	61		"	"	4	
5				"	North.	1			30-29	67	62	60		"	"	5	
6				"	Calm	0			30-29	67	62	60		"	"	6	
7				"	"	0			30-32	68	61	59		"	"	6	
8				"	"	0			30-33	69	60	59		"	"	8	
9				"	"	0			30-34	70	59	58		fair	none	10	
10				"	S.W.	2			30-34	68	59	55		"	"	10	
11				"	"	2-3			30-35	65	54	53		fog. mist	"	10	
Mid.				"	"	3-5			30-37	64	52	51		"	"	10	

under the command of W. F. Mead, Commander, U. S. Navy,
Sunday, August 14, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cuntril 4 A.M.
Fair. Gentle breeze from North. Halo around the moon.

Geo. F. Coleman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Gentle to moderate breeze from the North. Received on Pay Department 75-lbs. Bread, and 93 3/4 lbs. each Fresh Beef and Vegetables. At 5.18 stopped distilling.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Partially cloudy. Gentle and moderate breezes from North. At 9.30 the Commanding Officer inspected ship and crew at quarters. Sent church-party on shore.

C. W. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle breeze from North to N.N.E.

W. [illegible]
Lieut. U.S.N.

4 to 8 P.M.
Partially cloudy. Calm, and light airs from North.

C. W. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Misty. Light to gentle breeze from S.W. with light squalls.

W. [illegible]
Lieut. U.S.N.

Examined and found to be correct.

H. K. Seaman
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Ayres, A.R. -Dock 3-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S by E	S by E	3			30-37	64	50	49		Fc.	cir. cum	6	
1				"	"	3			30-38	63	48	49		"	"	6	
2				"	"	3			30-38	62	46	45		"	"	7	
3				"	"	3			30-38	61	46	45		"	"	8	
4				"	"	2			30-39	60	46	45		"	"	8	
5				"	"	2			30-39	55	46	44		"	cir. Str.	8	
6				"	South	2			30-41	60	45	44		"	"	7	
7				"	"	2			30-44	65	44	43		Fcm	"	7	
8				"	S.SE	2			30-46	68	47	46		"	"	3	
9				"	"	3			30-47	67	48	47		"	"	3	
10				"	S.E.	3			30-47	71	51	49		Fc	"	4	
11				"	E.SE	2			30-47	71	53	51		"	"	5	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, ~~44~~ gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2416 "

Coal consumed during the preceding 24 hours, tons 1350 lbs.

Coal remaining on hand at Noon, 105 " 2055

P. M.																	
1				S by E	E.S.E.	2			30-44	65	55	53		Fc.	cir.cum.	6	
2				"	"	2			30-42	64	56	54		"	"	6	
3				"	"	2			30-42	61	54	55		"	"	6	
4				"	East	2			30-42	74	54	55		"	"	8	
5				"	E.S.E	3			30-42	72	55	54		"	"	8	
6				"	"	4			30-42	70	54	53		"	"	7	
7				"	"	4			30-41	69	50	49		"	"	7	
8				"	East	4			30-41	65	50	49		"	"	9	
9				"	"	3			30-42	63	51	49		"	"	9	
10				"	"	4			30-42	62	50	48		"	"	7	
11				"	"	3-5			30-41	61	50	48		~~Fcm~~	"	9	
Mid.				"	"	3-5			30-41	60	50	48		"	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, August 15. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cunth & M.
Clear and cool. Gentle breeze from S by E.

Geo. F. W. Holman
Lieut. U. S. N.

4 to 8 A.M.
Clear and pleasant. Light breeze from S by E. and South. Received in Pay Department 93½ lbs. fresh beef and vegetables and 75 lbs fresh head.

C. M. Stone
Ensign U. S. N.

8 A.M. to Meridian.
Fair. Gentle to light breeze from S.S.E. hauling to E.S.E. At 9.30 mustered at quarters and had divisional drill - absent without leave Bratton G.M. (Oiler) - The Commanding Officer adjudged the following punishments, viz; - Mead W.J. (Sapp. 1 class) refusing to obey orders - solitary confinement, bread and water, 5 days; - Pingree J. (Ck.) ¾ hour overtime, 1 week 2d. class; - Carman W.H. (Private M.C.) - Disrespect to an Officer - Bread and water - 3 days; - The confinement of Private Carman to be executed after the expiration of Meads confinement.
Private Nolan was transferred from the brig to a screened-off place outside and Mead was put in the brig, in solitary confinement on bread and water for five days. The Presidente Pinto went out bound for Chili.

Geo. F. W. Holman
Lieut. U. S. N.

Meridian to 4 P.M.
Clear and pleasant - Light breeze from E.S.E. to East. Received the following stores in Engineers Department; - 3 Brass wire tube brushes 2¼"; - 111 lbs Iron - bar round. 22 lbs ¼" - 22 lbs, ⅜"; - 29½ lbs ½", - 37½ lbs ⅝"; - 86 lbs. Iron - sheet - 30 lbs of 1/16" and 56 lbs of ⅛"; - 100 lbs. Sal soda, 10 lbs Chrome green; - 4 lbs Chrome yellow; - 20 lbs Yellow ochre; - 2 tins Polishing paste; - 6 Brass unions ¼"; - 12 Iron unions - 6 of ¼" and 6 of ⅜"; - 14 lbs. Common sponge; - 50 lbs White Lead and 130 lbs Zinc.

F. W. Howe
Lieut. U. S. N.

4 o'clock to 8 P.M.
Clear and cool. Gentle to moderate breze from E.S.E. Commenced distilling. At 5.45 mustered at quarters and served out clean hammocks - Absent without leave, Geo. Bratton Oiler.

Geo. F. W. Holman
Lieut. U. S. N.

8 P.M. to Midnight.
Clear and pleasant. Gentle to moderate breeze from East with light squalls. Stopped distilling at midnight.

F. W. Howe
Lieut. U. S. N.

Examined and found to be correct.

Lo. K. Lundin
Lieut. C. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Aires A.R.-Dock 3-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	East.	4			30-39	57	50	49		h.	none	10	
2				"	E.N.E.	4			30-37	58	50	48		"	"	10	
3				"	"	3-5			30-35	58	49	47		h.q.	"	10	
4				"	"	3-5			30 34	57	49	47		"	"	10	
5				"	"	3-4			30-33	57	49	47		h.c.	cir. cum.	9	
6				"	"	3-4			30-33	57	48	47		"	"	9	
7				"	"	3-4			30-34	55	47	46		"	"	9	
8				"	"	3-4			30-34	59	47	46		"	"	8	
9				"	"	3			30-36	64	47	45		"	"	8	
10				"	"	3			30-36	70	48	46		"	"	8	
11				"	"	4			30-37	70	49	47		"	"	8	
Noon.				"	"	4			30-37	70	50	48		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 860 gallons.

Water distilled during the preceding 24 hours, 1444 "

Water remaining on hand fit for use at Noon, 3000 "

Coal consumed during the preceding 24 hours, 1 tons 820 lbs.

Coal remaining on hand at Noon, 104 "1235:

P. M.																	
1				S. by E.	E.N.E.	4			30-33	72	52	50.		h.c.	cir. cum	9.	
2				"	"	4			30-31	69	50	50		"	"	9	
3				"	East.	3			30-30	71	53	51		"	"	9	
4				"	"	3			30-29	69	53	51		"	"	9	
5				"	"	4			30-28	66	53	51		"	"	6	
6				"	E.S.E.	4			30-28	68	52	51		"	"	3	
7				"	"	4			30-27	69	53	52		"	"	2	
8				"	"	3-5			30-27	60	53	52		fog.	"	7	
9				"	E.N.E.	5			30-27	62	53	52		"	"	8	
10				"	"	5			30-27	65	53	52		"	"	9	
11				"	"	4.5			30-26	65	53	52		"	"	"	
Mid.				"	"	4.5			30-25	64	52	52		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,

Tuesday, August 16, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and cold - barometer rising - moderate breeze from E. and E.N.E. with squalls latter part. G.W. Batton (Oiler) returned 17 hours overtime -

J.T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.

Clear and cool. Gentle to moderate breeze from E.N.E. Distilling.

H
Geo. Hurlbut
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and cool. Gentle to moderate breeze from E.N.E. At 9.30 inspected at quarters and drilled 1st and 3rd Divisions at great guns, 2d. Clothing inspection, Navigators and Powder, at stations and Marine Guard infantry. Batton. G.W. (oiler) was reduced to 3rd Class 1½ months, by order of Commanding Officer for being 17 hours over liberty. Hauled up and overhauled all chains. Edward McKinney. (Lds) reported the expiration of his term of enlistment - Stopped distilling.

F. Harden
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant - barometer falling - moderate to gentle breeze from E.N.E. and E. - Stowed chain below - Drilled Marines at 1.30 -

J.T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Clear first part cloudy latter part, Moderate breeze from East to E.S.E. At 5.45 mustered at quarters.

F. Harden
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and pleasant. barometer steady - moderate to fresh breeze from E.N.E.

J.T. Newton
Lieut. U.S.N.

Examined and found to be correct.

H. K. Curtis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Aires, A.R., -Dock 3-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	East.	3-4			30-24	63	52	51		b.c.	cir. cum.	9	
2				"	"	4			30-22	62	52	51		"	"	9	
3				"	"	3			30-21	61	52	51		"	"	9	
4				"	E.N.E.	3			30-21	60	53	52		"	"	9	
5				"	"	3			30-20	60	53	53		"	"	4	
6				"	"	2			30-20	60	54	53		"	"	3	
7				"	"	2			30-20	58	51	50		"	cir. cum. Str.	1	
8				"	"	3			30-23	62	52	51		"	"	1	
9				"	East	3			30-23	67	52	51		"	"	1	
10				"	E by S.	3			30-22	69	52	51		"	"	1	
11				"	"	3			30-23	69	52	51		"	"	2	
Noon.				"	"	3			30-23	65	53	52		"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 408 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2592 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 103 " 1935 "

P. M.																	
1				S by E	E. by S.	3			30-20	69	64	63		b.c.	cir. cum.	4	
2				"	"	3			30-17	66	65	64		"	cir. cum. Str.	5	
3				"	"	3			30-16	65	66	64		"	"	5	
4				"	"	4			30-16	65	65	64		"	"	5	
5				"	E. by E	2			30-15	66	65	64		"	"	5	
6				"	"	2			30-15	65	63	62		"	"	4	
7				"	"	3			30-15	64	63	62		"	"	3	
8				"	East.	3			30-15	63	64	63		"	"	3	
9				"	"	4			30-14	63	65	64		"	"	4	
10				"	"	4			30-15	62	65	64		Low.	"	4	
11				"	"	4			30-16	61	65	64		"	"	4	
Mid.				"	E. N. E.	4			30-14	61	64	63		"	"	4	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday August 17., 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Midnight to 4 A.M.
Clear and fine. Moderate breeze from East.

W. Reynolds Field.
Ensign U.S.N.

4 to 8 A.M.
Cloudy pleasant weather. Light to gentle breeze from E.N.E. Received 93 3/4 lbs. fresh meat, 93 3/4 lbs. vegetables and 75 lbs soft bread in Pay Department for issue to crew - Crossed royal yards at 7.45.

W. Reynolds
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy and pleasant - barometer steady gentle breeze from E. and E by S. At 9.30 quarters, no boxtackles. afterwards had sail drill - exercised at making and shortening sail - shifting and reefing topsails - Unbent foresail to repair it -

J. T. Newton
Lieut. U.S.N.

Meridian to 4 PM
Fair and pleasant, gentle to moderate breeze from E by S - James Quigley (Private M.C.) - was placed in double irons under sentry's charge to await trial by Court Martial for "Gross disrespect to Superior Officer - The Commanding Officer paid official visits upon the French and Italian Ministers.

W. Reynolds Field.
Ensign U.S.N.

4 to 8 PM
Cloudy and pleasant - Light breeze from E.S.E. - Barometer steady - Bent foresail - Enlisted for cruise Alexander MacVicar, as Landsman -

J. T. Newton
Lieut. U.S.N.

8 PM. to Midnight
Clear and fine. Moderate breeze from East.

W. Reynolds Field
Ensign U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex ,3rd Rate,
Buenos Aires, A.R. -Dock-3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				Sby E	N.E	4			30-14	65	55	54		b.c.w.	cum	8	
2				"	"	5			30-14	63	55	54		"	"	8	
3				"	"	4			30-12	68	54	53		"	"	7	
4				"	"	4			30-12	68	54	53		"	"	4	
5				"	"	3-4			30-13	57	54	53		b.c.	"	1	
6				"	"	3			30-13	57	54	53		o.c.	"	0	
7				"	"	3			30-14	57	54	53		"	"	0	
8				"	"	3			30-17	62	55	54		"	"	0	
9				"	"	3			30-18	65	56	54		"	"	0	
10				"	"	3			30-19	66	56	54		"	"	0	
11				"	"	3			30-18	68	57	56		b.c.	"	2	
Noon.				"	E.N.E.	2			30-18	70	58	56		"	cir. cum	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 406 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2186 "

Coal consumed during the preceding 24 hours, tons 15 lbs. 740

Coal remaining on hand at Noon, 103 " 395

P. M.																	
1				Sby E.	East.	2			30-17	68	56	54		b.c.	cir. str.	4	
2				"	"	2			30-16	67	57	55		"	"	2	
3				"	E.S.E.	2			30-15	67	57	56		"	"	2	
4				"	"	2			30-13	66	56	55		"	"	2	
5				"	"	3			30-13	71	55	54		"	"	1	
6				"	"	3			30-13	70	55	54		"	"	2	
7				"	East.	3			30-13	69	55	54		b.c.w.	cir. cum	4	
8				"	"	3			30-13	65	56	55		"	"	7	
9				"	"	2			30-13	65	58	54		"	"	2	
10				"	"	2			30-13	65	58	54		"	"	6	
11				"	"	1			30-13	64	58	57		"	"	7	
Mid.				"	"	2			30-13	63	58	57		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, August 18, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Clear. Moderate to stiff N.E. breeze

W.O. Malmo
Ensign U.S.N.

4 to 8 A.M.
Cloudy or overcast - barometer rising - gentle breeze from N.E. A. Nielsen (Lds) was found to be absent - without leave -

J.T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Overcast then cloudy - gentle to light breeze from N.E. and E.N.E. Mustered at quarters - A. Nielsen (Lds), absent without leave. Went to General Quarters; - at 9.30 - Times as follows 1st Division ready 2 min, 10 sec; = 2d Division 2 min 40 sec; = 3d Division 1 min. 45 sec; = Navigators - 2 min. 20 sec; = Powder Division, 3 minutes; = Engineers, 1 min. 35 sec; = Marine Guard - 1 min. 30 sec; = Pay Department. 2 minutes; = Surgeons - 2 minutes 25 seconds.

F.W. Rymanfield
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy - Light breeze from the East to E.S.E. At 1.30 exercised 2d Company of Infantry and Reserve at Setting up exercises.

W.O. Malmo
Ensign U.S.N.

4 to 8 P.M.
Cloudy - light to gentle breeze from E.S.E. and E. Mustered at quarters - A. Nielsen (Lds) - absent without leave.

F.W. Rymanfield
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Heavy dew - Light airs and breezes from East.

Geo. L. Holman
Lieut. U.S.N.

Examined and found to be correct.

H.K. Curtis
Lieut - Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3rd Rate, Buenos Aires — N. R. — Dock 3 —

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S by E.	East.	3			30-12	63	58	57		h.c.w.	cir.cum	9	
1				"	"	2			30-11	63	57	56		"	"	9	
2				"	"	2			30-10	62	56	55		"	"	9	
3				"	"	2			30-08	61	57	56		"	"	4	
4				"	N.E.	4			30-08	61	57	55		o.cl.	cum.nim	0	
5				"	"	3			30-08	60	57	56		o.c.	"	0	
6				"	North.	2			30-10	58	58	57		o.cd.	"	0	
7				"	N.N.W.	2			30-12	88	58	57		o.c.r.	nim	0	
8				"	N.N.E.	2			30-14	62	58	57		"	"	0	
9				"	N.E.	2			30-14	70	59	57		o.c.d.	"	0	
10				"	"	2			30-14	72	60	58		"	"	0	
11				"	"	2			30-12	71	61	59		"	"	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 506 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1680 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 102 " 1095

P. M.																	
1				S by E.	N.E.	1			30-10	69	61	60		o.c.	nim.	0	
2				"	"	1			30-07	68	62	61		h.c.	cir.cum.nim	5	
3				"	Calm.	0			30-06	69	62	61		o.c.r.	"	0	
4				"	West.	1			30-06	68	62	61		h.c.r.	"	2	
5				"	S.W.	3			30-06	67	61	59		h.s.	"	1	
6				"	"	2			30-08	66	58	57		"	"	4	
7				"	"	2			30-06	65	56	55		h.w.	none	10	
8				"	"	2			30-06	65	56	55		"	"	10	
9				"	"	2			30-08	64	56	53		"	"	10	
10				"	"	2			30-08	63	54	52		"	"	10	
11				"	"	2			30-08	62	53	52		"	"	10	
Mid.				"	"	2			30-08	62	52	51		"	"	10	

4-205

under the command of W. W. Mead - Commander - , U. S. Navy,
Friday - August 19. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (2nd) until 4 A.M.
Clear and pleasant - Light and gentle breze from East -

C. M. Stone
Ensign U. S. N.

4 to 8 A.M.
Overcast with rain last hour - Moderate to light breze from N.E. to N.N.W. Received 93¾ lbs. fresh meat 93¾ lbs. vegetables (2nd) 75 lbs soft bread in Pay Department for issue to crew -

F. Harris
Lieut. U. S. N.

8 A.M. to Meridian.
Overcast. Raining first hour drizzling last three hours - Light breze from S.W. & to N.E. - Absent without leave - F. Bowman (Cot.); - A. Nielsen (Lds). W. O. Pugh (Quarter Gunner) left ship on leave until August 21. at 9. A.M. - F. Bowman (Cot.) returned on board 4¼ hours overtime.

W. O. Hulme
Ensign U. S. N.

Meridian to 4 P.M.
Cloudy with rain squalls last part. Calm and light airs from N.E. (2nd) West. At 1.30 exercised Marine Guard - at infantry - And 3rd. Company at setting-up exercises.
The French Minister to the Argentine Republic called on board.

C. M. Stone
Ensign U. S. N.

4 to 8 P.M.
Cloudy first part. Clearing last part. Gentle to light breze from S.W. At 5.46 mustered at quarters - Absent without leave A. Nielsen (Lds).

W. O. Hulme
Ensign U. S. N.

8 P.M. to Midnight.
Clear and pleasant - Light breezes from S.W.

C. M. Stone
Ensign U. S. N.

Examined and found to be correct.

G. K. Lewis
Lieut., Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires. A.R. - Dock 3

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				Sby E.	S.W.	2			30-08	61	51	50		bw	nmc	10	
1				"	"	2			30-07	59	49	48		b.c.f.d.	nim.	4	
2				"	"	2			30-07	59	48	47		"	"	4	
3				"	"	2			30-07	58	47	46		b.e. m.w.	"	7	
4				"	"	2			30-07	57	46	44		b.e. f.	"	8	
5				"	"	2			30-08	60	47	46		"	"	2	
6				"	"	2			30-11	64	48	47		o.c.f	"	0	
7				"	"	2			30-12	65	46	45		b.c.f.	"	1	
8				"	"	1			30-16	66	47	46		a.f.	"	0	
9				"	"	1			30-16	68	51	50		"	"	0	
10				"	S.E.	1			30-16	68	52	51		"	"	0	
11				"	S.S.W.	2			30-17	69	53	52		"	"	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 368 gallons.

Water distilled during the preceding 24 hours, 240 "

Water remaining on hand fit for use at Noon, 1552 "

Coal consumed during the preceding 24 hours, tons 1920 lbs.

Coal remaining on hand at Noon, 101 " 1415

P. M.																	
1				Sby E	S.S.W.	2			30-16	72	57	53		o.c.m.	nim		0
2				"	"	2			30-15	70	56	55		b.e.	cir.cum.nim		2
3				"	"	2			30-15	69	58	56		"	"		3
4				"	S.E.	2			30-15	67	59	57		"	"		3
5				"	North	2			30-15	65	59	57		"	"		5
6				"	N.N.W.	1			30-15	65	59	54		"	"		6
7				"	"	1			30-15	63	58	56		b.w.	"		7
8				"	North	1			30-14	63	57	56		"	"		8
9				"	"	1			30-14	71	58	56		"	"		9
10				"	Calm.	0			30-14	65	57	56		b.w.	none		10
11				"	"	0			30-14	61	56	55		b.m.w.	"		10
Mid.				"	"	0			30-15	60	56	54		b.m.w.	"		10

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, August 20, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (M) until 4 A.M.
Clear first hour with heavy dew. Foggy and misty with light passing showers in the second and third hours. Light breeze from S.W.

Geo. F. Wadsworth
Lieut. U.S.N.

4 to 8 A.M.
Overcast and foggy. Light S.W. breeze. Executed morning orders. Cleaned forward bilges.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy and foggy. Light airs and breezes from S.W., S.E. and S.S.W. Released W. W. Mead (S. Asst. Engr.) from confinement his time having expired and in accordance with the order of the Commanding Officer confined W. H. Carman (Private M.C.) in the brig on bread and water for three days. Began distilling.

C. W. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy. Light breeze from S.S.W. shifting at 3 to N.E. Distilling. Sent a liberty party ashore.

Geo. F. Wadsworth
Lieut. U.S.N.

4 to 8 P.M.
Fair. Light airs and breezes from North and N.W. At 5.45 mustered at quarters. A. Nielsen was absent without leave

C. W. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear. Light airs from the North. and Calm. Distilling.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires, A.R.-Dock 3

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S. by E.	S.W.	1			30-15	61	53	52		bcf.	nim.	4	
1				"	"	1			30-16	60	53	52		"	"	4	
2				"	"	1			30-16	60	52	51		"	"	4	
3				"	"	1			30-15	60	51	50		"	"	4	
4				"	S. by E	1			30-15	59	49	48		bf.	none	10	
5				"	Calm.	0			30-15	59	48	47		bcf.	cum. str.	3	
6				"	East.	1			30-16	60	52	51		bc.	cir. cum.	8	
7				"	"	2			30-15	61	53	52		"	"	8	
8				"	E.N.E.	2			30-17	63	55	54		"	"	5	
9				"	"	2			30-17	65	57	55		"	"	5	
10				"	"	2			30-16	68	58	57		"	"	7	
11				"	"	2			30-15	67	60	58		"	"	5	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: { Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A.M. { Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. { Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 376 gallons.

Water distilled - during the preceding 24 hours, 1800 "

Water remaining on hand fit for use at Noon, 2976 "

Coal consumed during the preceding 24 hours, 1 tons 1295 lbs.

Coal remaining on hand at Noon, 100 " 120

P. M.																	
1				S. by E.	East.	3			30-12	70	58	57		o.c.	cir. cum.	0	
2				"	"	2			30-12	68	58	57		"	"	0	
3				"	E.S.E.	4			30-10	67	56	55		bc.	"	2	
4				"	"	3			30-09	65	56	55		"	"	2	
5				"	S.E.	3			30-09	64	56	55		"	cir. cum. nim	4	
6				"	"	3			30-08	62	55	54		"	"	5	
7				"	"	4			30-06	62	55	54		"	"	6	
8				"	E.S.E.	4			30-07	62	55	54		b.o.w.	"	4	
9				"	"	4			30-08	60	55	55		o.c.w.	nim	0	
10				"	"	4			30-10	60	55	55		"	"	0	
11				"	East.	5			30-10	60	55	55		"	"	0	
Mid.				"	E.N.E.	5			30-09	60	57	55		o.c.	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Sunday, August 21, 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear, starlight overhead. Low thick fog. Very light airs from S.W. and S by E. Stopped distilling at 4.

F. Harris
Lieut. U.S.N.

4 to 8 A.M.
Mostly clear with fog first two hours. Calm to light breezes from East and E.N.E. Received in Pay Department 93 3/4 lbs fresh beef and vegetables and 75 lbs fresh bread.

Allston
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light breeze from E.N.E. - W.O. Pugh (Sr. Gr.) returned from leave. At 9.30 the Commanding Officer inspected the ship and crew at quarters. Absent without leave St. Nielsen (Lds).

Geo. Lud. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy. Light to moderate breeze from East to E.S.E.

F. Harris
Lieut U.S.N.

4 o'clock to 8 P.M.
Fair. Gentle to moderate breeze from S.E. At 5.45 mustered at quarters. A Nielsen (Lds) absent.

Geo. Lud. Holman
Lieut. U.S.N.

8 o'clock to Midnight.
Cloudy and Threatening. Wet. Moderate to stiff breeze from E.S.E. to E.N.E.

F. Harris
Lieut U.S.N.

Examined and found to be correct.

W. W. Mead
Lieut, Navigator.

4-365

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Ayres - A.R. - Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S. by E.	E.N.E.	6			30-05	60	57	56		o.c.m.	cum.str.	0	
1				"	"	3-5			30-01	60	57	56		bc.g.m.	"	4	
2				"	"	3-5			29-99	60	57	56		"	"	4	
3				"	"	3-5			29-96	60	57	56		"	"	4	
4				"	"	3-5			29-97	61	57	56		bc	"	2	
5				"	South	1			29-97	60	57	56		o.c.	cum.Nim	0	
6				"	S.S.E.	2			29-99	60	56	55		bc.	"	2	
7				"	"	2			30-02	60	55	54		"	"	2	
8				"	S.E. by S.	3			30-04	64	55	54		"	cir. cum. Nim	2	
9				"	"	3			30-05	65	55	53		"	"	1	
10				"	S.E.	3			30-05	66	55	54		"	cum. nim.	2	
11				"	"	3			30-05	69	55	54		"	"	3	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 400 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2576 "

Coal consumed during the preceding 24 hours, 1 tons 440 lbs.

Coal remaining on hand at Noon, 98 " 1920

P. M.																	
1				S. by E.	S.E.	3			30-04	73	56	54		o.c.	cum.Nim	0	
2				"	"	3			30-02	70	56	54		"	"	0	
3				"	South	2			30-00	68	57	55		o.c.r	nim	0	
4				"	"	2			29-99	68	57	56		"	"	0	
5				"	"	3			29-99	69	57	56		"	"	0	
6				"	"	2			29-98	69	57	56		"	"	0	
7				"	S.S.E.	2			29-98	65	56	55		"	"	0	
8				"	"	3			29-99	65	56	55		"	"	0	
9				"	S.S.E.	3			30-01	64	54	53		"	"	0	
10				"	"	3			30-03	63	53	52		"	"	0	
11				"	"	3			30-03	62	53	52		o.c.d.		0	
Mid.				"	"	3			30-03	62	53	52		o.c.r.	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday August 22, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Cloudy - fresh breeze with moderate squalls from E.N.E. Barometer falling -

N. J. T. Hawkins
Lieut. U.S.N.

4 o'clock to 8 P.M.
Cloudy - Gentle breeze from E.N.E shifting at 5 to South and S.S.E. falling in force to light airs and breezes - Received on board for use of crew 93¾ lbs. each of fresh beef and vegetables and 75 lbs. of bread.

H Geo. L. Wolfolwarn
Lieut. U.S.N.

8 P.M. to Meridian.
Cloudy - Gentle breeze from SEby S. to S.E. - At 9.30 inspected at quarters and had company drills - A. Nielsen (Ldsm) absent without leave. By order of Commanding Officer J. L. Bowman (Ck) was reduced to 2d class 1 month for being 4¼ hours over liberty. Received 175 lbs. waste, - 14 tins polishing paste and 6 lbs. sponge in Engineers Department.

N. F. T. Arrison
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast - began raining at 2.30. Barometer falling slowly. Gentle to light breeze from S.E. and S. — Drilled 3rd Company at setting up - Apprentices practiced with wig - wag system.

N. J. T. Hawkins
Lieut. U.S.N.

4 to 8 P.M.
Overcast and raining - Light to gentle breeze from South to S.S.E.

N. F. T. Arrison
Lieut. U.S.N.

8 P.M. to Midnight.
Overcast - drizzling or raining - gentle breeze from S.S.W.

N. J. T. Hawkins
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires - A. R. - Dock 3 -

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	S.S.W.	2			30-04	61	52	51		o.c.	nim.	0	
2				"	"	1			30-05	61	52	51		o.c.d.	"	0	
3				"	"	2			30-05	60	52	51		"	"	0	
4				"	"	2			30-03	60	52	51		o.c.n.	"	0	
5				"	"	2			30-03	60	52	51		o.c.d	"	0	
6				"	"	2			30-03	60	52	52		o.c.	"	0	
7				"	"	2			30-05	62	52	52		"	"	0	
8				"	"	2			30-08	67	57	57		b.c.	"	/	
9				"	"	1			30-11	63	50	50		o.d.f.	"	0	
10				"	"	1			30-13	70	52	51		b.c.m	cum.	2	
11				"	S.W.	1			30-14	68	54	52		"	"	2	
Noon.				"	"	1			30-14	68	55	54		"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2208 "

Coal consumed during the preceding 24 hours, tons ~~1540~~ lbs.

Coal remaining on hand at Noon, 98 "~~380~~

P. M.																	
1				S by E.	N.N.E.	2			30-12	68	58	57		b.c.	cir. cum. nim.	4	
2				"	"	2			30-11	70	59	58		"	"	4	
3				"	North.	3			30-09	68	60	58		"	"	4	
4				"	"	3			30-07	68	60	58		"	"	4	
5				"	West.	1			30-06	69	60	56		"	"	5	
6				"	Calm.	0			30-06	72	59	56		"	"	5	
7				"	"	0			30-07	72	60	58		"	"	5	
8				"	North.	1			30-08	72	61	59		b.c.r.	"	4	
9				"	"	1			30-07	69	61	59		"	"	0	
10				"	"	1			30-07	69	61	59		"	"	5	
11				"	"	2			30-06	68	60	58		b.c.	nose	10	
Mid.				"	"	1			30-06	67	60	58		b.c.r.	cir. cir.	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, August 23, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Overcast and raining; light breeze to light airs from S.S.W.

W. R. Rogers Field.
Ensign U.S.N.

4 to 8 P.M.
Cloudy. Rain first two hours clearing latter part. Light breeze from S.S.W.

W. [illegible]
Lieut. U.S.N.

8 P.M. to Meridian.
Foggy till 9.00 - clearing afterwards - barometer rising. Light airs from S.S.W. and S.W. - At 9.30 quarters - 1st division. Single sticks - 2d. oral instruction. 3d. Single sticks. Powder. station. - Loosed sail. Released W. H. Carman (Pvt M.G.) term of confinement having expired. Chief Engineer H. S. Ross returned from leave. By order of the Commanding Officer, declared A. Nielsen, Landesman, a deserter from this vessel and the U.S. Naval Service from August 16. 1892. Enlisted William Walter as Landesman for Cruise.

J. J. Newlon
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy - light to gentle breeze from N.N.E. and N. The "Iroparado," Argentine Gunboat came in and went alongside the dock; - sent an officer to board with the usual offer of courtesy. - Exercised Marine Guard and Reserve at Setting-up drill.

W. R. Rogers Field.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. barometer steady - Light airs from N. and calms. Quarters at 5.45 - no absentees. Received in Equipment Department - 17 Globes. and in Construction and Repair - 120 ft - 2 in ash and 10 lbs. 5 in. spikes.

J. J. Newlon
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine, light airs to light breeze from N.

W. R. Rogers Field.
Ensign U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut, Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3d. Rate, Buenos Aires, A.R. – Dock 3

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				Sby E	North.	3			30-06	63	58	59		b.c.w	cir. cum.	8	
2				"	N.N.W.	3			30-05	62	59	57		o.c.	cum. nim.	0	
3				"	"	3			30-04	61	58	56		"	"	0	
4				"	"	3			30-02	60	57	55		b.c.	"	4	
5				"	"	3			30-00	60	57	55		o.c.	"	0	
6				"	"	3			29-99	58	57	55		"	"	0	
7				"	"	3			29-99	57	56	55		b.c.	"	1	
8				"	"	3			29-99	58	57	55		"	cir. cum. str.	4	
9				"	"	3			29-99	61	57	55		"	"	7	
10				"	"	3			29-99	67	57	56		"	"	6	
11				"	"	3			29-99	68	59	57		"	"	6	
Noon.				"	"	3			29-99	71	60	59		"	"	6	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1798 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 97 " 1080

P. M.																	
1				S. by E.	N.W.	3			29-97	72	64	61		b.c.	cir. cum.	9	
2				"	"	4			29-95	69	65	62		"	"	6	
3				"	W.N.W.	3-5			29-94	68	65	63		b.c.q.	"	5	
4				"	"	3-5			29-92	69	65	63		"	"	7	
5				"	"	3-5			29-92	69	63	64		"	"	7	
6				"	"	3			29-92	69	64	63		b.c.	"	7	
7				"	"	3			29-91	70	64	63		"	"	9	
8				"	"	3			29-91	69	62	61		"	"	9	
9				"	N.W.	2			29-92	67	61	60		"	"	9	
10				"	"	1			29-92	66	61	59		"	"	9	
11				"	"	1			29-92	65	60	58		"	"	8	
Mid.				"	"	2			29-92	65	59	57		"	"	5	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday August 24, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and Cunstitutes Ck.
Generally cloudy. Gentle breeze from the North to N.N.W.

W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Overcast. clearing latter part. Barometer steady. gentle breeze from N.N.W. Received in Pay Department 75 lbs. bread, 93¾ lbs. beef, 93¾ lbs. vegetables. The Argentine Gunboat Azopardo went out. As she passed she dipped her colors, the Colon, Provana and this ship answered. Commenced heating out fore hold

J.T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Fair and pleasant, gentle breeze from N.N.W. Mustered at quarters. Crew engaged in restowing the fore hold.

J.W. Ray Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.
Generally clear. Gentle to stiff breeze in squalls from N.W. to W.N.W. Finished restowing hold. Gave prisoner J. Quigley (Private M.C.) one hours exercise

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and fine, gentle to stiff breeze from N.N.W. Sent down topgallant yards and bent light sails.

J.W. Roy Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light breeze to light airs from N.W.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Ayres. A.R. Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	West.	1			29.92	65	58	57		bc.	cir. cum.	4	
2				"	"	1			29.92	64	58	55		"	"	4	
3				"	W.S.W.	3			29.92	64	57	54		o.c.m.	"	0	
4				"	S.W.	3			29.93	63	56	54		b.c.m.	"	4	
5				"	"	3			29.93	63	55	53		bc.	"	2	
6				"	"	3			29.92	63	55	53		"	"	2	
7				"	"	2			29.93	60	56	53		"	cir. cum. str.	6	
8				"	"	2			29.93	60	56	53		"	"	7	
9				"	S.E.	2			29.98	66	56	53		"	cir cum	7	
10				"	"	2			29.98	69	59	57		"	"	6	
11				"	E.N.E.	2			29.98	71	59	67		"	"	3	
Noon.				"	"	2			29.98	72	60	58		"	"	3	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 470 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1328 "

Coal consumed during the preceding 24 hours, tons 1825 lbs.

Coal remaining on hand at Noon, 96 " 1495

P. M.																	
1																	
2				S by E.	E N.E.	2			29.97	72	60	58		bc.	cir. cum.	2	
3				"	"	2			29.95	72	61	58		"	"	2	
4				"	"	2			29.93	70	61	58		"	"	4	
5				"	"	2			29.91	69	60	57		"	"	4	
6				"	"	2			29.88	74	58	56		"	"	2	
7				"	"	3			29.88	74	57	55		"	"	1	
8				"	"	3			29.88	74	57	55		o.c.	"	0	
9				"	"	3			29.88	73	59	57		"	"	0	
10				"	"	3			29.88	70	59	58		"	cum. nim.	0	
11				"	"	3			29.88	68	59	58		"	"	0	
Mid.				"	"	3			29.88	66	58	57		"	cir. cum. nim.	0	
				"	"	3			29.88	65	58	56		"	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, August 25, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Cloudy - Light airs to gentle breezes from S.W. to West.

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Cloudy then clearing - gentle to light breeze from S.W. Executed morning orders - Crossed topgallant and royal yards.

W. Roy Mason Fields.
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy. Light breeze from S.E. to E.S.E. At 9.30 mustered at quarters. Exercised making sail and shifting topsails.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy with light breezes from E.N.E. - At 1.30 - exercised 2nd Company and Pioneers at infantry. Began distilling. Sent liberty party on shore. An officer from the Azopardo returned visit.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Overcast. Light to gentle E.N.E. breeze. At 4.50, sent down light yards and unbent light sails. At 5.45 mustered at quarters.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy - Gentle breeze from E.N.E. Distilling -

F. Miller
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut, Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3d Rate, Buenos Ayres, A.R. — Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				Sby E.	East.	2			29-87	65	58	57		o.c.	cum. nim	0	
1				"	"	2			29-87	64	58	57		"	"	0	
2				"	"	2			29-87	64	57	56		"	"	0	
3				"	South.	2			29-87	64	55	54		"	"	0	
4				"	"	3			29-88	63	54	53		o.c. &	nim	0	
5				"	"	3			29-90	64	54	53		o.c.	"	0	
6				"	"	3			29-92	57	54	53		o.c. m.	"	0	
7				"	"	3			29-96	65	53	52		o.c.	"	0	
8				"	S.S.E.	2			30-03	66	54	53		"	"	0	
9				"	S.E.	2			30-06	73	55	54		"	"	0	
10				"	N.E.	2			30-05	70	56	54		o.c.	"	0	
11				"	"	2			30-03	68	57	55		"	cum. str.	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 508 gallons.

Water distilled during the preceding 24 hours, 2098 "

Water remaining on hand fit for use at Noon, 2928 "

Coal consumed during the preceding 24 hours, / tons 2055 lbs.

Coal remaining on hand at Noon, 94 " 1680

P. M.														
1				Sby E	N.N.W.	2			30-02	70	57	55	lc.	cum. nim	3
2				"	W.S.W.	3			30-02	69	54	53	"	"	3
3				"	S.W.	4			30-02	68	57	55	"	"	4
4				"	S.S.W.	4-5			30-03	69	58	55	"	"	6
5				"	"	2			30-06	68	57	54	"	"	7
6				"	"	2			30-10	68	56	54	"	"	7
7				"	"	2			30-14	66	55	53	"	"	9
8				"	"	2			30-16	65	54	52	"	"	9
9				"	"	3			30-17	64	53	51	lc.	none	10
10				"	"	4			30-20	61	50	49	lc.	"	10
11				"	South	2			30-23	61	49	49	lc	cir. cum	4
Mid.				"	"	3-5			30-24	61	48	48	l.c.g	"	4

under the command of W. W. Mead, Commander, U. S. Navy,

Friday, August 26, 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cloudy & Misty
Overcast. Light breeze from East backing to South last hour. Distilling.

H. Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Overcast and misty. Raining last hour. Received in Pay Department 75 lbs. Bread and 93¾ lbs. each Beef and Vegetables. Distilling.

W. O. Halsey
Ensign U.S.N.

8 A.M. to Meridian.
Overcast and cloudy with rain first part. Light breezes from S.S.E., S.E., and N.E. Distilling.

C.M.S. C. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clearing. Light breeze from N.E., hauling to S.S.W. and increasing in force to stiff breeze. Drilled the Marine Guard in Infantry Tactics and the Apprentices in signaling. Gave Private J. Quigley one hours exercise. Sent a liberty party ashore. Stopped distilling at 2.45.

H. Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. Light breezes from S.S.W. At 5.45 mustered at quarters. Wm Walter (Lds) was absent from ship without leave.

C.M.S. C. M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clouding over. Light to moderate breeze from S.S.W. to South, with stiff squalls last hour.

H. Geo. L. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires. A.R.-Dock 3.-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	S. by E.	3			30-28	61	46	45		b.c.	cir.cum.	9	
2				"	"	3			30-28	64	45	44		b.c.w.	"	9	
3				"	"	3			30-28	67	44	43		"	"	9	
4				"	South.	3			30-28	60	43	43		b.w.	none	10	
5				"	"	3			30-31	60	43	42		"	"	10	
6				"	"	3			30-34	60	43	42		b.c.	cir.cum.	9	
7				"	S.S.W.	3			30-39	64	45	44		b.c.m	"	8	
8				"	S.W.	2			30-44	59	43	42		"	"	9	
9				"	S.S.W.	2			30-44	63	42	42		"	"	9	
10				"	S.S.E.	2			30-46	69	46	44		b.c.	"	9	
11				"	"	2			30-47	69	48	45		"	"	8	
Noon.				"	S.E.	2			30-47	72	49	47		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 398 gallons.

Water distilled during the preceding 24 hours, 318 "

Water remaining on hand fit for use at Noon, 2848 "

Coal consumed during the preceding 24 hours, tons 1825 lbs.

Coal remaining on hand at Noon, 93 " 2095

P. M.																	
1				S by E.	E. S.E.	2			30.48	72	53	51		b.c.	cir. cum.	7	
2				"	"	2			30.48	70	53	51		"	"	7	
3				"	East.	2			30.46	68	54	52		"	"	5	
4				"	"	2			30.45	69	54	52		"	"	5	
5				"	S.E.	2			30.45	65	53	51		"	"	6	
6				"	"	2			30.44	64	52	51		"	"	4	
7				"	East	3			30.44	62	52	51		"	"	4	
8				"	"	3			30.42	62	52	51		"	"	3	
9				"	"	3			30.42	68	51	50		"	"	3	
10				"	"	3			30.42	64	51	50		"	"	6	
11				"	"	3			30.42	58	49	48		"	"	8	
Mid.				"	"	3			30.42	58	50	49		"	"	5	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, August 27, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Quintil 4 A.M.
Clear and pleasant. Wet.- Gentle breeze from S by E to South.

W. J. Williams
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant. Gentle and light breezes from South to S.W. - Executed morning orders.

Chas. C. M. Stone
Ensign U.S.N.

8 A.M. to Meridian.
Clear and cool. Light breeze from S.S.E. to S.E. The Sebastiano Viniero came into the dock and an officer was sent aboard to pay the usual visit of courtesy. The Commanding Officer adjudged the following punishments Flaherty T.J. (Boy) Not wearing shirt on deck, 1 extra watch; = Dwyer James (Eds) Not wearing shirt on deck, 1 extra watch; = Shippard Wm (Eds) Slow in obeying orders, answering back when told to go on deck, - 1 extra watch. - By order of the Commanding Officer, on recommendation of the Quarterly Board of Survey, the following articles, condemned by the Board, were thrown overboard; viz; 27 lbs. butter, 4 lbs. corned beef and 3 lbs tomatoes

H. Ensign Lyn Holman
Lieut U.S.N.

Meridian to 4 P.M.
Partly cloudy pleasant weather. Light breeze from E.S.E. to East. An officer from Sebastiano Venero returned thanks for boarding visit.

W. J. Williams
Lieut. U.S.N.

4 o'clock to 8 P.M.
Cloudy. Light to gentle breeze from S.E. to East. At 5.45 mustered at quarters.

H. Ensign Lyn Holman
Lieut U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle breeze from East.

W. J. Williams
Lieut. U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut, Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3rd Rate, Buenos Aires, AR. Dock, 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S. by E.	S.S.E.	2			30-42	59	49	48		hz.	cir. cum	6	
1				"	"	2			30-42	58	49	47		"	"	4	
2				"	"	4			30-41	58	48	47		"	"	5	
3				"	"	4			30-39	57	48	47		"	"	5	
4				"	E.N.E.	4			30-38	56	47	46		"	"	2	
5				"	"	4			30-38	57	49	48		"	cum. str	1	
6				"	"	4			30-39	61	50	48		"	"	1	
7				"	-	4-5			30-38	62	50	47		"	cir. cum. str	2	
8				"	"	4			30-42	65	50	47		"	cir. cum. nim.	3	
9				"	"	4			30-42	68	50	48		"	"	1	
10				"	"	4			30-43	68	50	48		o.c.	cum. nim.	0	
11				"	"	4			30-42	65	51	49		hz.	"	2	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2466 "

Coal consumed during the preceding 24 hours, tons 1445 lbs.

Coal remaining on hand at Noon, 93 " 650

P. M.				S. by E.	East.	4			30-40	66	51	49		hz.	cum. nim.	3	
1				"	"	4			30-37	64	51	49		"	"	1	
2				"	"	4			30-36	67	51	49		"	"	4	
3				"	"	4			30-36	68	51	49		"	"	3	
4				"	"	4			30-35	64	50	49		"	"	4	
5				"	"	4			30-35	75	50	49		"	"	1	
6				"	"	4			30-35	73	52	50		o.c.	"	0	
7				"	"	4			30-35	71	52	50		"	"	0	
8				"	"	4-5			30-38	70	52	51		hz.	"	3	
9				"	"	5-6			30-34	65	52	51		"	"	3	
10				"	"	5-6			30-37	65	52	51		"	"	3	
11				"	"	4-5			30-37	60	52	50		"	"	3	
Mid.																	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,

Sunday August 28, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Clear - barometer steady - light to moderate breeze from S.S.E.

J. T. Newton
Lieut. U. S. N.

4 o'clock to 8 P.M.
Cloudy. Moderate to stiff breeze from E.N.E. Received for use of the crew 93 3/4 lbs. each fresh beef and vegetables and 75 lbs bread

George W. Coleman
Lieut. U.S.N.

8 P.M. to Meridian.
Generally cloudy and raw. Moderate breeze from E.N.E. At 9.30 Commanding Officer inspected ship and crew, A. Vollberg (O.S.) absent without leave. Commanding Officer of Italian gunboat Sebastiano Veniero, paid an official visit to this ship.

[redacted]
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy and pleasant - barometer falling. moderate breeze from E.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Cloudy, pleasant. Moderate breeze from East. At 5.45 mustered at quarters - A. Vollberg (O.S.) absent without leave.

[redacted]
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy - steady fresh breeze from East - barometer steady At 10-30 an officer from the Hornby Grange came on board to obtain medical aid in the case of a man who had fallen overboard - The medical officer of this ship went over to the Hornby Grange and rendered professional services.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

E. K. Curtis
Lieut, Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires. A.R. -Dock 3-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				Sby E.	East.	4			30-37	61	52	51		b.c.	cir. cum	5	
1				"	"	5			30-37	61	52	51		"	"	6	
2				"	"	5			30-36	60	53	52		"	"	4	
3				"	"	5			30-36	59	53	52		"	"	4	
4				"	"	4			30-36	60	53	52		"	"	3	
5				"	S.E.	3			30-37	60	52	50		o.c.	"	0	
6				"	"	2			30-37	54	51	49			cum nim	0	
7				"	"	2			30-40	64	50	49		b.c.	"	1	
8				"	"	2			30-42	69	51	50		b.c.p.	"	1	
9				"	S.S.E.	3			30-43	70	52	51		"	"	2	
10				"	"	4			30-42	69	53	51		b.c.	"	4	
11				"	"	4			30-43	70	54	51		"	"	1	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 576 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1890 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 92 " 1350

P. M.																	
1				Sby E	S.E. by E.	2			30-43	68	54	50		b.c.d.	cum nim	3	
2				"	E.S.E.	2			30-41	65	54	53		b.c.	"	3	
3				"	S.E.	3			30-41	69	53	51		"	"	3	
4				"	S.S.E.	3			30-41	67	53	51		"	"	4	
5				"	"	2			30-41	65	53	52		"	"	5	
6				"	"	1			30-41	64	53	52		"	"	6	
7				"	"	1			30-41	63	53	52		"	"	7	
8				"	"	1			30-41	63	52	51		"	"	6	
9				"	South	1			30-43	63	52	51		"	"	5	
10				"	S.S.E.	1			30-43	62	50	48		b.o.w.	"	0	
11				"	"	1			30-42	60	50	49		"	"	9	
Mid.									30-42	60	50	49		"	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, August 29, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 P.M.
Cloudy. Moderate to stiff breeze from the East.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Cloudy pleasant weather. Moderate to light breeze from East to S.E. Argentine gunboat Azopardo came into the dock. Received 92½ lbs. fresh meat, 92½ lbs. vegetables 74 lbs. soft bread in Pay Department for issue to crew.

W. [illegible]
Lieut. U.S.N.

8 P.M. to Meridian.
Cloudy. passing showers. light to moderate breeze from S.E. and E.S.E. Quarters at 9.30 - afterwards drilled Infantry and Artillery - A. Wolberg (O.S.) absent without leave. By order of Commanding Officer enlisted John Myers as Coal Heaver for Cruise. Changed rate of Driscoll. M. from Coal Heaver to Second Class Fireman, from August 5th 1892. Commanding Officer of The Andrea Provana visited this ship officially. Commanding Officer of this ship visited the Sebastiano Veniero officially. Commenced distilling.

J. J. Hewlett
Lieut. U.S.N.

Meridian to 8 P.M.
Cloudy Light to gentle breeze from S.E by E to S.S.E. Drizzling and passing showers, first two hours. Distilling. J. Dugley (P.M.) was exercised one hour under charge of sentry.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. barometer steady. light breeze and light airs from S.S.E. Quarters at 5.45 - no additional absentees - Served out clean bags. Distilling

J. J. Hewlett
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs from the South to S.S.E. - Distilling.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

G. K. Cunliffe
Lieut, Navigator.

4-205

LOG of the UNITED STATES — Steamer Essex, 3d Rate, Buenos Aires. A.R.—Dock 3

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S by E.	South.	1			30-43	60	49	48		b.c.	cir. cum.	8	
1				"	"	2			30-43	59	48	47		b.w.	none	10	
2				"	"	2			30-43	57	47	46		"	"	10	
3				"	S.S.E.	2			30-42	58	47	46		"	"	10	
4				"	South.	2			30-41	59	46	45		"	"	10	
5				"	"	2			30-42	57	46	45		b.c.m.	cum	9	
6				"	"	2			30-42	56	46	45		b.c.f.	"	4	
7				"	S.S.E.	2			30-43	61	47	46		"	"	8	
8				"	S.E.	2			30-46	63	50	49		b.c.	cir. cum.	7	
9				"	"	2			30-46	68	51	49		"	"	7	
10				"	E.S.E.	2			30-46	69	52	50		"	"	8	
11				"	East.	2			30-45	69	52	50		"	"	7	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 580 gallons.

Water distilled during the preceding 24 hours, 1540 "

Water remaining on hand fit for use at Noon, 2850 "

Coal consumed during the preceding 24 hours, 1 tons 1200 lbs.

Coal remaining on hand at Noon, 91 " 150

P. M.																	
1				S. by E.	East.	3			30-43	69	52	50		b.c.	cir. cum.	8	
2				"	"	3			30-40	69	54	52		"	"	8	
3				"	"	2			30-39	69	55	52		"	"	8	
4				"	"	2			30-38	68	55	52		"	"	8	
5				"	E.S.E.	3			30-37	67	54	52		"	"	8	
6				"	"	3			30-37	67	53	51		"	"	7	
7				"	East.	3			30-37	70	53	51		"	"	9	
8				"	"	3			30-37	70	53	52		"	"	8	
9				"	"	3			30-37	70	55	53		"	"	8	
10				"	"	3			30-37	67	55	54		f.cir.	"	9	
11				"	"	4			30-37	64	55	54		"	"	9	
Mid.				"	"	4			30-33	64	55	54		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, August 30, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Light airs and breezes from South and S.S.E. – Stopped distilling.

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear. – foggy – clearing again at end of watch – barometer rising. – light breeze from South and S.S.E. – Sent down topgallant yards. bent light sails – and crossed light yards.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear. Light breeze from S.E. to the East. At 9.30 mustered at quarters – Absent without leave A. Vollberg (O.S.) Exercised making sail and shifting topsails; leaving sails loosed to a sunfuse Commanding Officer made an official visit to the Italian Gunboat Andrea Provana. Received in Equipment Department – one glass lantern globe.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle and light breze from East. At 1.30 exercised Marines and Pioneers as dismounted infantry. By order Commanding Officer discharged V. Berggren. Machinist – from this vessel and the U.S. Naval Service, at his own request, waiving all claims to transportation or Consular aid, from this date. At 2.45 furled sail. At 3.00 went to quarters and turned in scrubbed bags. Sent liberty party on shore.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear. Gentle breeze from E.S.E. to the East. At 4.30 sent down topgallant and royal yards and unbent light sails. At 5.45 mustered at quarters – Absent without leave A. Vollberg (O.S.)

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight
Clear and pleasant. Gentle and moderate breezes from East.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

M. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3 5 Rate,
Buenos Ayres, A.R. Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S. by E.	E.N.E.	4			30-29	63	55	54		b.c.w.	cir. str.	8	
1				"	"	4			30-29	62	55	54		"	"	6	
2				"	"	4			30-27	61	55	54		"	"	9	
3				"	N.E.	4			30-26	60	55	54		"	"	9	
4				"	N.N.E.	3			30-27	59	55	54		b.c.	"	3	
5				"	"	3			30-27	60	55	54		o.c.	"	0	
6				"	"	2			30-28	56	55	54		"		0	
7				"	"	3			30-31	61	56	55		"	cum. nim	0	
8				"	"	3			30.33	64	56	55		"	"	0	
9				"	"	3			30-34	67	57	56		"	"	0	
10				"	"	2			30-34	67	58	57		"	"	0	
11				"	North.	2			30-33	68	60	58		"	"	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 480 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2370 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 90 " 850

P. M.																	
1				S. by E.	North	1			30-32	68	62	60		b.c.	cir. cum. str.	4	
2				"	"	1			30-31	68	63	60		"	"	3	
3				"	"	1			30-29	67	63	60		"	"	6	
4				"	"	1			30-28	67	62	60		"	"	5	
5				"	N.N.W.	1			30-27	69	62	61		b.c.p.	cum. nim	4	
6				"	"	1			30-27	71	63	61		b.c.	"	4	
7				"	S.W.	3			30-29	70	63	60		b.c.w.	"	1	
8				"	"	3			30-31	70	61	57		"	"	5	
9				"	"	2			30-33	69	58	56		b.c.	cir. cum.	8	
10				"	"	2			30-32	67	56	55		b.c.w.	"	9	
11				"	"	2			30-32	65	55	53		"	"	10	
Mid.				"	West.	2			30-32	63	57	52		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday, August 31, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant - Moderate breeze from E. N.E.

Geo. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Generally overcast. Gentle to light breeze from N.N.E. Received in Pay Department 93 3/4 lbs. each Beef and Vegetables and 75 lbs. Bread.

W. O. Wilmer
Ensign U.S.N.

8 A.M. to Meridian.
Overcast and cloudy. Light and gentle breezes from N.N.E. and North. At 9.30 mustered at quarters - A. Vollberg (O.S.) was absent without leave. Exercised at battalion drill.

P. M. Malone
Ensign U.S.N.

Meridian to 4 P.M.
Fair. Light airs from North - By order of the Commanding Officer - Carl Nelson was enlisted as Machinist for the cruise, and A. Vollberg (O.S.) was declared a deserter from this vessel and from the U.S. Naval Service from August 28th 1892. Inspected dry gun-cotton - Sent a liberty party ashore. Gave Private J. Quigley, one hours exercise.

Geo. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy. Light airs to gentle breezes from N.N.W. and S.W. At 5.45 mustered at quarters.

P. M. Malone
Ensign U.S.N.

8 to Midnight.
Clear - Damp, Light breeze from S.W. to West.

[illegible]
Lieut. U.S.N.

Examined and found to be correct.

[illegible]
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Aires. A.R. - Dock. 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S. by E.	W.S.W.	2			30-33	62	53	51		fair	none	10	
1				"	S.W.	2			30-33	61	52	50		"	"	10	
2				"	"	2			30-33	59	50	48		"	"	10	
3				"	"	2			30-32	58	49	47		"	"	10	
4				"	West.	3			30-31	57	48	46		"	"	10	
5				"	"	3			30-31	55	46	45		"	"	10	
6				"	"	3			30-31	54	46	45		fair	"	10	
7				"	"	3			30-30	50	45	43		"	"	10	
8				"	"	2			30-32	59	49	48		"	"	10	
9				"	"	4			30-35	67	54	52		"	"	10	
10				"	"	3			30-35	66	56	54		"	"	10	
11				"	"	3			30-34	68	57	55		"	"	10	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 388 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1982 "

Coal consumed during the preceding 24 hours, tons 2015 lbs.

Coal remaining on hand at Noon, 89 " 1075.

P. M.																	
1				S. by E.	West.	4			30-31	68	57	57		fair	cir. cum.	8	
2				"	"	4-5			30-28	66	60	58		"	"	8	
3				"	"	4-5			30-27	65	60	58		"	"	8	
4				"	W.S.W.	4-5			30-24	66	61	59		"	"	8	
5				"	West.	3			30-25	71	62	60		fair.	"	0	
6				"	"	2			30-25	68	60	57		"	"	9	
7				"	"	2			30-24	66	59	54		"	"	9	
8				"	"	1			30-24	65	58	54		"	"	9	
9				"	W.N.W.	3			30-24	64	57	53		"	"	9	
10				"	"	3			30-24	62	56	53		"	"	9	
11				"	"	3			30-23	61	55	52		"	"	9	
Mid.				"	"	3			30-21	61	54	51		fair	none	10	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, September 1, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Clear and cool. Heavy dew. Light airs from W.S.W to S.W.

H. Jas. L. Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant. Gentle breeze from West.

Chas. C. M. Stone
Ensign U.S.N.

8 A.M. to Meridian.
Hazy. Pleasant. Light to moderate breeze from West. At 9.30 went to general quarters: times as follows: 1st Division ready, 2 min, 10 sec;= 2 Division, 2 min, 25 sec;= 3rd Division, - 1 min, 25 sec;= Navigator's, 1 min, 30 sec;= Powder -, 2 min, 25 sec;= Engineers 1 minute;= Pay Department 1 min, 50 seconds;= Surgeon's -, 2 min 20 seconds; Marine Guard, 1 minute, 30 seconds. Tested the flood cocks. The Quarterly Board of Inspection took account of cash in the Pay Department.

H. Jas. L. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear. Moderate breeze from West to W.S.W. Frequent light squalls. The Italian Minister to Argentine paid an official visit to this ship. Exercised 2nd Co. setting up and Reserves at infantry.

W. [illegible]
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Gentle to light breeze from West.

H. Jas. L. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear. Bright moon and starlight. Light breeze from W.S.W.

W. [illegible]
Lieut. U.S.N.

Examined and found to be correct.

M. K. Lewis
Lieut. —Navigator.

4-265

LOG of the United States Steamer Essex, 3d Rate,
Buenos Aires, A.R. - Dock. 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				Sby E.	S.W.	3			30.19	61	53	51		b.	none	10	
2				"	"	3			30-18	60	52	50		"	"	10	
3				"	W.S.W.	4-5			30.18	59	51	49		b.c.q.	cir. cumu	9	
4				"	"	4-5			30.17	58	51	49		"	"	9	
5				"	"	2-4			30.17	58	51	49		"	"	9	
6				"	West.	3			30-18	58	50	48		b.c.	"	8	
7				"	"	3			30-18	50	49	47		b.c.m.	"	9	
8				"	"	2			30.19	61	49	47		"	"	9	
9				"	S.W.	1			30-18	66	52	50		"	"	9	
10				"	"	1			30-28	70	57	53		"	"	9	
11				"	"	2			30-21	71	60	56		"	"	9	
Noon.				"	W.S.W.	2			30-21	71	61	57		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 572 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1410 "

Coal consumed during the preceding 24 hours, tons 5 40 lbs.

Coal remaining on hand at Noon, 88 " 1775.

P. M.																	
1				S. by E.	W.S.W.	2			30-22	70	63	59		b.m.	none	10	
2				"	"	2			30-22	70	64	60		b.c.	cir	8	
3				"	S.W.	2			30-22	70	65	61		"	"	8	
4				"	"	1			30-21	72	66	61		"	"	8	
5				"	S.S.W.	1			30-20	71	66	64		"	cir. cumu str.	7	
6				"	N.E.	2			30-19	69	65	64		"	"	7	
7				"	North.	1			30-19	67	64	63		"	cir. cumu	7	
8				"	"	2			30-19	66	63	62		b.c.u.	"	8	
9				"	Calm	0			30-19	66	61	60		"	"	9	
10				"	"	0			30-18	66	60	59		"	"	9	
11				"	East.	1			30-18	65	59	58		"	"	7	
Mid.				"	"	1			30-19	65	58	57		"	"	5	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday, September 2, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Sunrise to 4 A.M.
Clear and pleasant - barometer steady - gentle to fresh breeze from N. W and W.N.W.

J.J. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.
Hazy. Pleasant. Light breeze with moderate squalls from W.N.W. first hour; gentle to light breeze from West latter part. Received for use of the crew 93 3/4 lbs. each fresh beef and vegetables and 75 lbs. bread.

Geo. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian
Clear. Misty along horizon. Light airs to light breeze from S.W. to W.S.W. At 9.30 inspected at quarters and had company drills. At 10.10 went to fire quarters, 1st stream in 1 min: 2d in 1 min 10 sec; 3rd. in 1 min. 30 sec; 4th in 1 min. 35 sec.

W. H. Harris
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. - barometer steady. - light breeze from W.S.W. and S.W. Shifted berth ahead about 50 yards. Private J. Quigley was exercised for one hour. Marines and 3d. Company were drilled as infantry. Commenced distilling.

J.J. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. Light airs and light breeze from S.S.W. shifting to N.E. and North. At 5.45 mustered at quarters. Distilling.

W. H. Harris
Lieut. U.S.N.

8 P.M. to Midnight
Clear and pleasant - barometer steady - calms and light airs from East. Distilling -

N. J.J. Newton
Lieut. U.S.N.

Examined and found to be correct.

H. K. Seaman
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex 3d Rate,

Buenos Aires, A.R. - Dock 3 -

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E	N.E.	2			30.18	64	59	58		Fair.	cir. Str.	8	
2				"	"	2			30.16	63	58	57		"	"	9	
3				"	"	2			30.14	62	57	57		Fair.	none	10	
4				"	"	1			30.13	62	57	57		"	"	10	
5				"	"	2			30.13	61	57	56		fair.	cir. cum.	9	
6				"	N.N.E.	2			30.13	60	57	56		"	"	9	
7				"	"	2			30.14	59	57	57		fair	"	8	
8				"	"	2			30.14	58	57	58		"	"	9	
9				"	"	2			30.16	62	60	58		"	"	7	
10				"	"	2			30.15	67	61	59		"	"	7	
11				"	"	2			30.18	66	62	60		"	"	8	
Noon.				"	"	2			30.14	71	64	61		"	cir cum str	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 460 gallons.

Water distilled during the preceding 24 hours, 2140 "

Water remaining on hand fit for use at Noon, 3120 "

Coal consumed during the preceding 24 hours, 1 tons 1675 lbs.

Coal remaining on hand at Noon, 87 " 100

P. M.																	
1				S. by E.	N.N.E.	2			30.12	72	65	62		fair.	cir cum str	7	
2				"	"	1			30.11	74	66	62		"	"	9	
3				"	East.	1			30.10	74	65	62		"	"	9	
4				"	"	1			30.09	73	63	61		"	"	9	
5				"	N.E.	1			30.09	73	62	60		fair.	none	10	
6				"	"	1			30.07	65	61	59		"	"	10	
7				"	"	1			30.07	67	61	59		fair	"	10	
8				"	"	1			30.06	67	61	59		"	"	10	
9				"	"	1			30.06	66	61	59		"	"	10	
10				"	"	1			30.06	65	61	59		"	"	10	
11				"	"	1			30.06	65	61	59		"	"	10	
Mid.				"	"	1			30.04	64	61	59		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, September 3, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Clear. Light airs to light breeze from N.E. Distilling.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Damp and misty. Light breeze from N.E. and N.N.E. Distilling.

F. F. Wilson
Lieut. U.S.N.

8 P.M. to Meridian
Bright and pleasant. barometer steady. Light breeze from N.N.E. E. McKierney (Eds.) absent without leave. Jno McGinn (Chief B. Mate) and D. McLain (2d Fireman) reported expiration of terms of enlistment. Received on Equipment Department. 2 sheets Blotting Paper. 8 doz. Official Envelopes; 1 quart Mucilage; 6 sheets Wrapping Paper; 1 pint Ink - Copying; 1 quart Ink - Recording; 2 doz. Lead Pencils; 1 Bbl Lime; 1/8 cord Wood; 2 lbs. wicking; 5 lbs. Tallow. - Stopped distilling -

J. T. Hawley
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and warm. Light airs to light breeze from N.N.E. To the East.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer steady - light airs from N.E. Quarters at 5.45. no additional absentees

J. T. Hawley
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs from N.E.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires, A.R. -Dock 3-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	Calm.	0			30-04	65	61	59		bw.	none	10	
2				"	"	0			30-02	65	61	59		"	"	10	
3				"	N.N.W.	1			30-01	63	60	58		"	"	10	
4				"	"	1			30-00	61	60	58		"	"	10	
5				"	"	2			30-00	61	60	58		"	"	10	
6				"	"	3			30-00	60	60	58		bc	cir str	8	
7				"	"	2			30-01	60	59	58		bcm	cir. cum str.	8	
8				"	"	3			30-03	62	60	58		"	"	8	
9				"	"	3			30-04	66	62	59		b	none	10	
10				"	"	2			30-04	66	63	61		"	"	10	
11				"	"	2			30-04	65	63	61		"	"	10	
Noon.				"	"	2			30-04	65	64	62		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 452 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2668 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 86 " 800

P. M.																	
1				S by E.	N.N.E.	2			30-02	65	65	62		bc.	cir. cum str.	6	
2				"	"	2			30-01	67	66	63		"	"	6	
3				"	"	2			29-99	67	66	63		"	"	6	
4				"	"	2			29-99	67	66	64		"	"	6	
5				"	"	2			29-98	67	66	64		"	"	6	
6				"	"	2			29-99	67	66	64		"	"	6	
7				"	"	2			30-00	66	65	63		"	"	8	
8				"	N.E.	1			30-00	66	65	63		"	"	9	
9				"	"	1			30-01	66	65	63		bmc. s.	none	10	
10				"	"	1			30-03	65	65	63		"	"	10	
11				"	North	1			30-03	65	64	63		bmc. s.	cir.	9	
Mid.				"	"	2			30-04	65	64	62		"		6	

under the command of W. H. Mead, Commander, U. S. Navy,
Sunday, September 4, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M.
Clear and pleasant, light airs from N.N.W. Calm and

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. barometer rising. light to gentle breeze from N.N.W. - Received in Pay Department 92½ lbs. beef - 92½ lbs vegetables - 74 lbs bread.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear. Gentle to light breeze from N.N.W. At 9.30 mustered at quarters and Commanding Officer inspected ship and crew, then called all hands to muster and read Orders and Articles for the Government of the Navy - Mustered crew - Absent without leave E. McKinney (Lds) - P. O'Brien (P.M.) P. Dougherty (P.M.) J. Fahey (Ct.) and M. McCarthy (Ct.) reported the expiration of their terms of enlistment.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Fair. Light breezes from N.N.E. Sent liberty party on shore.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear - Light breeze to light airs from N.N.E. & N.E. At 5.45 mustered at quarters - Absentees - P. O'Brien (Prt) P. Dougherty (Prt) and E. McKinney (Lds).

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Mostly clear and pleasant - Light airs and breezes from N.E. and North -

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

Lt. K. Searles
Lieut. - Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 2d Rate,
Buenos Aires, A.R. Dock 3.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	N.E.	2			30-03	65	64	63		hzw.	cum. nim.	3	
2				"	"	2			30-03	65	63	61		"	"	4	
3				"	North	2			30-03	64	62	60		"	cir. cum. str.	5	
4				"	N.N.W.	2			30-03	64	62	60		"	"	6	
5				"		1			30-06	61	62	60		"	"	9	
6				"		1			30-06	61	62	60		hzw.	"	7	
7				"		1			30-09	61	61	00		"	"	6	
8				"	N.N.E.	2			30-10	62	61	60		"	cum.	8	
9				"	North	1			30-11	62	62	60		hz.	cir. str.	8	
10				"	"	1			30-11	66	64	61		"	"	8	
11				"	S.S.W.	1			30-11	68	65	62		"	"	7	
Noon.				"	East	1			30-11	68	62	62		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 420 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2248 "

Coal consumed during the preceding 24 hours, tons 1160 lbs.

Coal remaining on hand at Noon, 85 " 1880

P. M.																	
1				S. by E.	Calm	0			30-10	68	60	62		calm	cir.	8	
2				"	"	0			30-09	69	67	63		"	"	8	
3				"	S.E.	1			30-08	70	67	63		"	"	6	
4				"	E.S.E.	2			30-09	70	66	63		"	"	5	
5				"	"	2			30-08	69	63	61		"	"	6	
6				"	"	2			30-08	67	61	59		"	"	7	
7				"	S.S.E.	3			30-09	67	61	58		"	"	6	
8				"	"	3-5			30-10	67	58	56		o.c.	"	0	
9				"	S.S.E.	3-5			30-13	65	55	53		o.c.	cir. nim.	0	
10				"	South	3-5			30-16	64	53	50		"	"	0	
11				"	"	4-5			30-17	63	51	58		h.c.	"	2	
Mid.				"	"	4-6			30-18	62	59	57		"	"	6	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, September 5, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Hazy. Generally clear sky. Light breeze from N.E. to N.N.W.

Jno. L. W. Coleman
Lieut. U.S.N.

4 to 8 A.M.
Clear. Light airs to light breeze from N.N.W. to N.N.E. Received in Pay Department 90 lbs. Beef and Vegetables and 72 lbs Bread.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs from North, S.S.W. and East. At 9.30 mustered at quarters, - the following men were absent without leave - M. E. Nierney Ed. (Eds); Flaherty J. (Boy): Kinsler H. (W.T.): - Dougherty P., O'Brien P., and Shulbecker R. - (Privates U.S.M.C.). Exercised divisions as follows; - 2d company artillery 3 d Company infantry. pioneers setting gun - and reserve infantry. J. Doyle, (Coal Heaver) reported that his time expires to-day

C. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Hazy. Calm first part. Light airs to light breeze from S.E. to E.S.E, latter part. Drilled pioneers at setting up and apprentices at signalling. The "Colon" went out bound for Montevideo. Gave Private J. Quigley one hours exercise. Sent a liberty party ashore. W. Kinsler (W.T.) was brought on board from police station 5 3/4 hours overtime.

Jno. L. W. Coleman
Lieut. U.S.N.

4 to 8 P.M.
Fair. Light to fresh breezes from E.S.E. and S.E. by S. At 5.45 mustered at quarters the following men were absent without leave - M. E. Nierney Ed. (Eds). Flaherty J. (Boy) - Dougherty P., Sherlock R. and O'Brien P. (Privates U.S.M.C.).

C. M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Overcast first part cloudy last part. Gentle to fresh breeze in squalls from S.S.E. to the South. Got out, bow-line and after-breast.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

H. K. Courtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3d Rate, Brooklyn Navy Yard. N.R.-Dock 3

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	South	4-6			30-19	61	48	46		o.c. g.	Cumst.	0	
2				"	"	3-6			30-20	60	47	45		"	"	0	
3				"	"	3-5			30-23	60	46	45		"	"	0	
4				"	"	3-5			30-22	59	46	45		"	"	0	
5				"	"	2-4			30-23	59	44	45		"	"	0	
6				"	"	2-4			30-22	55	47	45		hcg.	"	3	
7				"	"	2-4			30-28	59	45	44		"	cir.cumst.	7	
8				"	"	2-4			30-33	65	47	45		"	"	7	
9				"	S.S.W.	4			30-36	65	48	47		"	"	4	
10				"	"	4			30-39	68	51	48		"	"	3	
11				"	"	4			30-39	69	52	49		"	"	4	
Noon.				"	"	4			30-39	69	54	50		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 408 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1840 "

Coal consumed during the preceding 24 hours, tons 1350 lbs.

Coal remaining on hand at Noon, 85 " 530

P. M.																	
1				S. by E.	S.S.W.	4-5			30-37	69	56	51		hcg	cir.cum.	7	
2				"	"	4-5			30-35	68	56	51		"	"	8	
3				"	"	3-5			30-35	68	57	52		"	"	9	
4				"	South.	3-4			30-35	69	56	51		h.	none.	10	
5				"	"	3			30-35	68	56	52		"	"	10	
6				"	"	2			30-35	70	56	53		"	"	10	
7				"	"	2			30-35	68	55	53		"	"	10	
8				"	"	2			30-35	68	55	54		"	"	10	
9				"	"	1			30-35	66	55	53		hc.	cir. cum.	9	
10				"	S. by E.	1			30-35	65	54	51		h.	none	10	
11				"	"	1			30-35	65	53	50		"	"	10	
Mid.				"	"	1			30-34	64	53	50		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, September 6, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences am until 4 A.M.
Cloudy. Moon occasionally visible. Gentle to moderate breeze from South with moderate squalls.

W. F. Worden
Lieut. U.S.N.

4 to 8 A.M.
Cloudy first part. Clearing. Light and fresh breezes from South. Executed morning orders

C. M. Stone
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy. Moderate breeze from S.S.W. At 9.30 mustered at quarters: absentees as follows,- M. Tierney Ed (Sols), Flaherty T. J. (Boy),- Dougherty P. (Private), O'Brien P (Private) and Shurlock R (Private),- Lear N. (S. Mate),- Mahoney J. (Ct.). Had divisional drill. At request of the Argentine naval officials half masted the flag - in memory of Admiral Cordero, who died yesterday.

H

Geo. T. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Moderate breeze from S.S.W. with light squalls. Exercised 3rd Co. at Infantry and Marine Guard at bayonet exercise. Commanding Officer accompanied by Chief Engineer, J. H. S. Rose, 1st Lieut. H. C. Haines and Ensign W. O. Hulme left the ship to attend the funeral of Rear Admiral Cordero.

W. F. Worden
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Gentle to light breeze from South. At 5.45 mustered at quarters,- absentees same as in forenoon.

H Geo. T. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs from South to S. by E. Bright moonlight.

W. F. Worden
Lieut. U.S.N.

Examined and found to be correct.

G. K. Lewis
Lieut, Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 2d Rate,
Buenos Aires, A.R. Oct. 3.-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				Sky E.	Calm	0			30-33	62	57	50		h.	none	10	
2				"	"	0			30-32	62	57	49		"	"	10	
3				"	"	0			30-29	62	57	49		"	"	10	
4				"	"	0			30-27	62	50	48		"	"	10	
5				"	"	0			30-27	60	50	48		h.c.	cumt.	9	
6				"	N.W.	2			30-27	58	50	49		"	"	9	
7				"	"	2			30-29	57	50	49		h.c.m.	cir. cum	8	
8				"	N.N.W.	2			30-29	54	52	57		"	"	5	
9				"	N. ~~with~~	2			30-29	61	55	53		"	"	5	
10				"	"	2			30-31	66	57	53		"	"	5	
11				"	N.N.E.	2			30-30	66	59	55		"	"	5	
Noon.				"	N.E.	2			30-30	68	59	55		o.c.m.	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 660 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1280 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 84 " 1230 .

P. M.																	
1				Sky E.	N.E.	3			30-27	66	60	55		h.c.	cir. cum str.	3	
2				"	N.N.E.	3			30-26	66	61	55		"	"	3	
3				"	"	3			30-25	65	60	54		"	"	2	
4				"	"	3			30-24	68	60	54		"	cir. cum. str.	2	
5				"	"	2			30-22	66	59	54		"	"	2	
6				"	North.	1			30-22	69	59	53		"	"	3	
7				"	N.N.W.	1			30-22	70	60	54		"	"	1	
8				"	N.W.	1			30-22	70	58	53		"	"	4	
9				"	W.N.W.	1			30-23	70	58	53		"	"	5	
10				"	"	1			30-24	68	56	51		"	"	8	
11				"	Calm	0			30-24	66	55	51		"	"	9	
Mid.				"	"	0			30-23	64	54	50		"	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday, September 7, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. calm - bright moonlight

J. J. Hunter
Lieut. U.S.N.

4 o'clock to 8 A.M.
Misty. Clouding. Calm first hour; light breeze from N.W. to N.N.W. after that. Listed ship to starboard and cleaned copper. Received for use of the crew 85 lbs. each fresh beef and vegetables and 68 lbs. bread.

Geo. W. Holmes
Lieut. U.S.N.

8 A.M. to Meridian.
Partly cloudy and raw - Misty. Light breeze from North to N.E. At 9.30 inspected at quarters and had battalion drill. E. McNierney (Lds.) T. J. Flaherty (Boy) N. Lear (B.M.), Jere Mahoney (C.H.) C. Dougherty (Private) R. Sherlock (Private) and P. O'Brien (Private), absent without leave. Commanding Officer adjudged following punishment. M. Kinsler (W.T.) reduced to 4th class 3 months for being 5 3/4 hours overtime and brought on board by police. Received 3, lengths copper pipe 1/4 in. 3/8 in and 3/4 inch, in Engineer Department and 7/16 cord of wood in Equipment Department.

W. F. Harrison
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy and pleasant. barometer falling - gentle breeze from N.E. and N.N.E. An Argentine Officer representing the Jefe del Estado mayor, called to thank for our participation in the funeral ceremonies of late R. Admiral Cordero. Commenced distilling. Exercised Private Launch one hour.

J. J. Hunter
Lieut. U.S.N.

4 to 8 P.M.
Partly cloudy pleasant weather. Light airs from North to W.N.W. N. Lear (B. Mate), returned on board 3 4 hours overtime.

W. F. Harrison
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. barometer steady - light airs from W.N.W. and calm. Distilling.

J. J. Hunter
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires, A.R., Dock-3-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				Sby E	West.	1			30-22	63	55	50		bc.	cir. cumu.	6	
2				"	"	1			30-22	62	54	50		"	"	4	
3				"	W.N.W.	2			30-22	61	54	50		"	cumu. nim.	2	
4				"	"	1			30-22	61	53	50		"	"	6	
5				"	N.N.W.	2			30-21	60	52	51		"	cir cumu	7	
6				"	N.W.	3			30-21	58	54	50		"	cir, cumu, str.	7	
7				"	"	3			30-21	55	54	50		"	"	8	
8				"	W.N.W.	3-4			30-21	60	53	49		bcy.	"	8	
9				"	West.	3			30-23	63	52	49		bc.	"	8	
10				"	S.W.	3			30-26	65	54	51		"	"	9	
11				"	"	3			30-26	64	57	53		"	"	9	
Noon.				"	"	4			30-26	68	59	54		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 405 gallons.

Water Distilled during the preceding 24 hours, 2335 "

Water remaining on hand fit for use at Noon, 3120 "

Coal consumed during the preceding 24 hours, 1 tons 2055 lbs.

Coal remaining on hand at Noon, 82 " 1415.

P. M.																	
1				S. by E.	S.W.	3-5			30-25	68	60	55		bcy.	cir. cumu	5	
2				"	"	3-5			30-24	68	60	55		"	"	6	
3				"	"	3-5			30-23	68	61	55		"	"	8	
4				"	"	3-5			30-23	68	61	56		"	"	9	
5				"	S.S.W.	3			30-23	68	61	51		bc	"	8	
6				"	"	3			30-23	66	56	57		"	"	7	
7				"	"	2			30-23	67	60	56		"	"	9	
8				"	"	1			30-23	65	60	56		"	"	9	
9				"	"	1			30-24	66	59	56		"	"	8	
10				"	"	1			30-24	66	59	56		"	"	8	
11				"	"	1			30-24	63	59	56		"	"	8	
Mid.				"	"	1			30-23	62	58	55		"	"	9	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, September 8, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.

Fair and pleasant, light airs to light breeze from W. and W.S.W. M.Kierney E. (Sdo) returned on board 1 h 0 hours overtime. Distilling.

W. Ryan Mason Field.
Ensign U.S.N.

4 to 8 A.M.

Clear and pleasant weather. Light to gentle breeze from S.S.W. to W.N.W. with light squalls last hour. Stopped distilling.

J. T. Howell
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Barometer rising. gentle to moderate breeze from W. and S.W. Quarters at 9.30 — Absentees without leave — Flaherty, J. (Boy) Dougherty, C. (Private), O'Brien P. (Private), Sherlock R. (Private) Mahoney, Jas (Crt.) Carmichael W. (Machinist). Drilled as follows, — 2nd Company, Infantry; — 3d Infantry — Reserve, Gatling Gun; Powder Infantry. Commanding Officer adjudged the following punishment, viz. E. McKierney (Sdo) — 1 h 0 hours overtime — 4th class 3 months and $2.50 Monthly Money. J. Sliney (Sea), was brought on board by one of the ships police from the comisariat. where he had been held for drunkeness and disorderly conduct.

J. T. Howell
Lieut. U.S.N.

Meridian to 4 P.M.

Fair and pleasant. gentle to stiff breeze from S.W.

W. Ryan Mason Field.
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant. barometer steady gentle to light breeze from S.S.W. — At 5.45 quarters — no additional absentees

J. T. Howell
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and fine. light airs from S.S.W.

W. Ryan Mason Field.
Ensign U.S.N.

Examined and found to be correct.

M. K. Lundin
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Aires. A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	N.W.	1			30-20	61	57	54		h	none	10	
2				"	"	2			30-19	61	57	55		hc.	Cir. str.	9	
3				"	"	3			30-18	61	58	55		"	"	9	
4				"	N.N.W.	4			30-12	59	58	55		"	"	9	
5				"	N.W.	4			30-10	57	57	55		"	"	8	
6				"	"	3-4			30-10	57	57	55		"	"	7	
7				"	"	3-4			30-10	57	57	55		"	"	7	
8				"	"	4-5			30-10	56	56	53		"	"	7	
9				"	"	4-5			30-10	63	58	55		"	cir. cum. str.	6	
10				"	"	4-5			30-10	66	61	56		"	"	6	
11				"	"	4-5			30-09	68	62	58		"	"	5	
Noon.				"	"	4			30-09	72	64	60		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 496 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2624 "

Coal consumed during the preceding 24 hours, tons 1445 lbs.

Coal remaining on hand at Noon, 81 " 2210.

P. M.																	
1				S. by E.	N.W.	4			30-06	72	67	62		hc.	cir. cum. str.	3	
2				"	"	4			30-05	71	69	63		"	"	3	
3				"	W.N.W.	4			30-04	71	71	64		"	"	2	
4				"	West.	3			30-04	68	68	66		"	cir. cum. nim.	2	
5				"	"	1			30-04	66	66	64		"	"	2	
6				"	S.W.	2			30-04	69	69	64		"	"	3	
7				"	S.S.W.	2			30-04	70	69	63		"	"	1	
8				"	"	3			30-07	70	67	61		"	"	4	
9				"	"	3			30-07	70	64	58		"	"	5	
10				"	"	3			30-10	68	62	54		"	"	4	
11				"	South.	4-5			30-17	66	58	51		cloudy	cumuline	0	
Mid.				"	S. by E.	4-5			30-23	64	54	50		"	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday, September 9, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 P.M.
Clear and pleasant. Light to moderate breezes from N.W. and N.N.W. P. O'Brien (Private), returned on board 1 13 hours overtime. P. Dougherty (Private), returned on board 116 hours overtime and R. Sherlock (Private), returned on board 92 hours overtime.

C. M. Klein
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. gentle to moderate breeze from N.W. — Received in Pay Department. 70 lbs. soft bread - 87½ lbs fresh beef, 87½ lbs vegetables

J. J. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Fair and pleasant, moderate to stiff breeze from NW. Mustered at quarters and inspected clothing. Absent without leave, Flaherty J.J. (Boy), Mahoney J. (Ch) Carmichael Wm. (Machinist). The Commanding Officer adjudged the following punishments, viz: Sliney Jno (Sea) 4½ hours overtime, tight from liberty - brought on board from police station - reduced to 4th class 3 months and $2.50 monthly money: Sherlock R. (Private). 92 hours overtime, 4 class 3 months and $2.50 monthly money - Dougherty P. (Private) 116 hours overtime - 4th class 3 months and $2.50 monthly money; - O'Brien P. (Private) - 113 hours overtime 4th class 3 months and $2.50 monthly money -

F. W. Ry Mann told.
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. gentle and moderate breezes from N.W. to West - At 1.30 exercised Marines and 2d company at infantry - Exercised J. Quigley (P.M.) for one hour.

C. M. Klein
Ensign U.S.N.

4 to 8 P.M.
Fair and pleasant light airs to light breeze from W to S.S.W. Mustered at quarters the following men absent without leave - Flaherty J. (Boy) Mahoney J. (Ch) - Carmichael Wm. (Machinist).

F. W. Ry Mann told.
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy - Gentle to fresh breezes from S.S.W. to S. by E.

C. M. Klein
Ensign U.S.N.

Examined and found to be correct.

W. K. Mead
Lieut. Navigator.

4-205

LOG of the UNITED STATES — Steamer Essex, 3d Rate,
Buenos Aires, A.R. - Dock 3 -

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	South.	4			30-25	65	52	49		bc.	Cum/nim	5	
2				"	"	3			30-27	64	50	48		"	"	5	
3				"	"	2			30	29	64	49	47	"	"	9	
4				"	"	2			30-	29	63	48	46	"	"	9	
5				"	S.S.W.	3			30	31	62	47	45	"	"	8	
6				"	"	3			30	32	52	47	45	"	"	6	
7				"	"	2			30	36	55	45	44	bcms.	circum	7	
8				"	"	2			30-	40	63	46	44	"	"	8	
9				"	S. by E.	2			30	40	62	48	46	"	"	9	
10				"	S.E.	3-5			30	42	69	51	47	bcy	"	9	
11				"	South.	3-5			30	43	72	52	48	"	"	9	
Noon.				"	S.S.E.	2-4			30	43	72	54	49	"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 528 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2096 "

Coal consumed during the preceding 24 hours, tons 1350 lbs.

Coal remaining on hand at Noon, 81 " 860.

P. M.																	
1				S. by E.	S. by E.	3			30-44	72	55	51		bc.	ci. cum.	8	
2				"	"	3			30-	43	76	56	51	"	"	8	
3				"	"	3			30-	42	72	56	52	"	"	8	
4				"	"	3			30	42	72	57	53	"	"	8	
5				"	S.S.E.	2			30-	43	73	56	53	"	"	8	
6				"	East.	2			30-	43	71	55	52	"	"	7	
7				"	"	2			30-	43	70	54	51	"	"	5	
8				"	E.N.E.	2			30-	43	69	54	51	"	"	6	
9				"	"	2			30-	44	70	54	51	"	"	8	
10				"	East.	2			30-	44	70	54	51	"	"	5	
11				"	E.S.E.	2			30-	43	70	53	50	"	"	2	
Mid.				"	S.E.	2			30-	46	70	52	49	"	"	7	

4-265

under the command of W. M. Mead, Commander, U. S. Navy,
Saturday, September 10, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cloudy until 4 P.M.
Clear. Moderate to light breeze from the South

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and fine. gentle breeze from S.S.W.
Executed morning orders.

F. V. Boyman Asst.
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant - Light to fresh breezes from South to S.E. - Absent without leave Flaherty J. (Boy) Mahoney J. (Ck). Carmichael Wm (Machinist). Smith Chas (Bugler). Vogel F. (Painter) Clinton John (2.c.c.). The Commanding Officer adjudged the following punishment, viz; Williams J.E. (Lds) Disobedience of orders, not standing watch on quarter deck as ordered, = 2 hours extra duty - C. Gunderson (O.S.) reported expiration of time.

C. M. Clinton
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - Gentle S.E. breeze. Wm Carmichael, (Mach) was brought from Police Station by Sergeant of Marines - Commanding Officer U.S.S. "Yantic" came to report arrival of Yantic in outer roads - F. Vogel (Painter) returned on board 4½ hours overtime.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Mostly clear and pleasant. Light breeze from S.S.E, East and E.N.E. At 4.41 sent down topgallant yards and bent light sail. At 5.45 mustered at quarters, The following men were absent without leave Flaherty J. (Boy) Mahoney J. (Ck) Smith Chas (Bugler). and Clinton John (2d class Pr).

C. M. Clinton
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Light breeze from E.N.E. to S.E.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

W. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Buenos Aires, A.R. Dock, 3.-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				S by E.	S.E.	2			30-48	70	52	49		be.	cir cum nim	1	
1				"	"	2			30-48	69	50	47		"	"	1	
2				"	"	2			30-48	69	50	47		"	"	1	
3				"	"	2			30-48	69	50	47		"	"	1	
4				"	"	2			30-49	70	50	47		"	"	7	
5				"	"	2			30-51	69	49	47		"	cir cum	7	
6				"	"	2			30-54	68	48	47		"	"	5	
7				"	"	2			30-56	68	49	46		hze.	"	9	
8				"	S.E.	3			30-58	65	52	49		be.	"	8	
9				"	East.	3			30-60	72	54	50		"	"	6	
10				"	"	3			30-62	70	55	50		"	"	5	
11				"	"	3			30-62	71	55	51		"	"	6	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 490 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1606 "

Coal consumed during the preceding 24 hours, tons 1445 lbs.

Coal remaining on hand at Noon, 80 " 1655.

P. M.																	
1				S by E.	E.S.E.	3			30-61	72	55	51		be.	cir. cum.	6	
2				"	"	2			30-60	73	56	53		"	"	4	
3				"	"	2			30-61	74	57	54		"	"	4	
4				"	"	1			30-61	73	57	53		"	"	4	
5				"	"	3			30-62	71	55	52		"	"	4	
6				"	"	3			30-64	70	54	51		"	"	4	
7				"	"	4			30-65	69	52	49		"	"	4	
8				"	"	4			30-66	68	51	49		c.	none	10	
9				"	"	4			30-66	65	52	50		"	"	10	
10				"	"	3			30-66	64	52	49		"	"	10	
11				"	"	2			30-66	64	51	49		"	"	10	
Mid.				"	"	2			30-66	64	50	48		"	"	10	

under the command of W. W. Mead. Commander, U. S. Navy,

Sunday, September 11th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M.

Cloudy. Light breeze from S.S.E.

H. Guy Carleton
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Light breezes from S.S.E. At 7.30 crossed topgallant yards. Received in Pay Department 88 3/4 lbs. fresh beef and vegetables and 7 lbs fresh bread.

C. Ulstone
Ensign U.S.N.

8 A.M. to Meridian

Fair. Gentle breeze from S.E. to the East. At 9.30 Commanding Officer inspected crew at quarters and ship — Absent without leave. Flaherty D. (Boy), Mahoney J. (C.T.), Smith C. (Bugler), Clinton J. (2.c.f.) Dwyer James (Lds).- Peter Hand (W.T.) reported term of enlistment expired yesterday. Sergeant of Marines was sent to Police station to bring James Dwyer (Lds) on board. By order of Commanding Officer J.B. Nolan (Private M.C.) was released from confinement having served out his sentence.

W.O. Palmer
Ensign U.S.N.

Meridian to 4 P.M.

Fair, Gentle breeze to light airs from E.S.E. Sent a liberty party on shore. James Dwyer (Lds) was brought on board from the police station, 7 3/4 hours overtime.

H. Guy Carleton
Lieut. U.S.N.

4 to 8 P.M.

Cloudy. Gentle to moderate breeze from E.S.E. A man claiming to be John Relgan (Lds). - deserter from U.S.S. Yantic came on board and gave himself up. By order of Commanding Officer was placed under sentry's charge to be transferred to Yantic.

W.O. Palmer
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant weather. Moderate to light breeze from E.S.E. Chas Smith (Bugler), - Jno Clinton (2.c.f.); Jere Mahoney (C.T.), and Chas Flaherty (Boy) returned on board 38, 39, 135, and 159 hours respectively overtime.

W. J. Snelder
Lieut. U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,
Buenos Aires, A.R. -Dock 3.-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				Sby E.	S.S.E.	2			30-65	64	50	49		b.w.	none	10	
2				"	"	1			30-66	64	50	48		"	"	10	
3				"	"	1			30-65	63	51	50		"	"	10	
4				"	N.E.	1			30-65	63	52	50		"	"	10	
5				"	E.N.E.	1			30-66	62	52	50		"	"	10	
6				"	S.W.	1			30-66	57	49	47		b.c.m.	cum	9	
7				"	"	1			30-68	59	46	45		"	"	7	
8				"	"	1			30-70	65	47	45		"	"	8	
9				"	S.S.W.	2			30-71	64	50	48		"	"	7	
10				—	"	2			30-71	63	53	50		"	"	7	
11				—	East.	2			30-71	63	54	50		"	"	8	
Noon.				Nby E. ½ E	E by N.	2			30-70	68	54	51		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 410 gallons.

Water distilled during the preceding 24 hours, 112 "

Water remaining on hand fit for use at Noon, 1308 "

Coal consumed during the preceding 24 hours, 2 tons 1050 lbs.

Coal remaining on hand at Noon, 78 " 605.

P. M.																	
1			3	N.E. by E½ E.	E.N.E.	3			30-68	72	53	47		b.	cir. cum.	8	
2	8	4	8.8	"	"	3			30-66	69	54	51		"	"	9	
3				N.W.	"	3			30-63	65	57	53		"	"	9	
4				"	"	2			30-61	63	58	54		"	"	9	
5				"	East.	2			30-61	69	59	55		b	none	10	
6				North.	"	2			30-61	68	58	54		"	"	10	
7				E. by N.	"	2			30-60	71	54	52		"	"	10	
8				"		2			30-60	75	55	53		"	"	10	
9				East	East.	3			30-61	73	55	53		b.w.	"	10	
10				E.N.E.	E.N.E.	3			30-60	69	55	54		"	"	10	
11				N.E. by N.	N.E.	4			30-57	66	55	53		"	"	10	
Mid.				N.N.E.	"	4			30-54	63	54	53		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, September 12, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and cool. Heavy dew. Light airs and breezes from S. S.E.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear. Light airs from E.N.E. to S.W. Executed morning orders preparing for sea. Received in Pay Department 88 3/4 lbs. each Beef and Vegetables and 71 lbs. Bread - At 5.00 started fires in two after boilers.

W. O. Wahme
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light breeze from S.S.W. first part; from East and E. by N. latter part. Sent an officer aboard the Sebastiano Viniero with notice of departure and usual messages of courtesy and received an official visit with thanks from the Viniero. At 9.36 unmoored and stood out from the docks in tow, in charge of dock pilot. At 10.50, outside the Boca, cast off the tugs, and stood on down the canal. At 11.25 exchanged numbers with the Yantic in the roads. At 11.45 the pilot left the ship. Ship's draft; forward 13'.9: amidships 15'; aft 16'. Average steam 68. revolutions 43.8.
R. Hetrick (Carpenter's Mate) reported expiration of term of enlistment.

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle to light breeze from E.N.E. At 12.40 set course N.E. by E. 1/2 E. and put over patent log. At 1.55 let go port anchor in 21 feet water and veered to 30 fathoms chain. Bearings from anchorage - Farallon Light N. 3/4 W. (mag). Colonia Light N. by E. 3/4 E. (mag). Banked fires and started distilling. Private J. Quigley was changed from double to single irons by order of Commanding Officer. Private J. Quigley was given one hours exercise without irons. Ebb tide

F. M. Wilder
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Light breeze from East. At 5.45 mustered at quarters. Distilling.

Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight
Clear and pleasant. Gentle to moderate breeze from East to N.E. Heavy dew. At 10. went to general quarters and fired blank cartridges. 1st Division 6 min. 02 sec; 2d. in 8 min. 40 sec; 3rd. in 7 min. 50 sec. - Navigator's, ready in 6 min. 20 sec; Engineers in 6 min; - Pay 3 min. 50 sec; Surgeons 4 min 50 sec. and Marine Guard in 9 min. 20 sec. Distilling.
Examined and found to be correct.

F. M. Wilder
Lieut. U.S.N.

Le. K. Lewis Navigator.
Lieut.

4-265

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,
At anchor off Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North.	N.E.	4			30-50	55	54	52		bw.	none	10	
2				"	"	4			30-49	54	53	52		"	"	10	
3				N.W.	N.N.E	4			30-48	54	53	52		"	"	10	
4				"	North.	4			30-48	53	53	51		"	"	10	
5				N.W. by N.	"	4			30-47	53	53	51		bcw.	cumi.	9	
6				"	"	4			30-47	54	52	51		bc.		9	
7				N.N.W.	"	4			30-46	58	52	51		"		9	
8				North.	"	4			30-48	68	52	51		"	cir. cumi.	9	
9				"	N.N.W.	3			30-55	70	55	53		t.	none	10	
10				———	"	3			30-54	63	58	56		"	"	10	
11				———	"	3			30-51	61	59	56		"	"	10	
Noon.				———	"	3			30-47	61	60	58		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 398 gallons.

Water distilled during the preceding 24 hours, 2130 "

Water remaining on hand fit for use at Noon, 3040 "

Coal consumed during the preceding 24 hours, 4 tons 180 lbs.

Coal remaining on hand at Noon, 74 " 425.

P. M.																	
1				N.W. by W.	N.W. by W.	2			30-47	69	61	57		bc.	cir. cumi	8	
2				—	"	3			30-45	69	62	59		"	"	8	
3				—	"	3			30-41	68	63	59		"	"	8	
4				—	"	2			30-40	69	62	58		"	"	8	
5				N.W. by W.	South.	1			30-38	67	63	59		"	"	9	
6				"	"	1			30-38	69	63	60		"	"	7	
7				S.E.	"	1			30-38	72	60	58		"	"	9	
8				"	N.E.	1			30-38	72	62	58		f.c.w.	"	9	
9				"	N.N.E.	2			30-38	72	61	57		"	"	9	
10				"	"	3			30-37	63	60	56		"	"	9	
11				E.S.E.	"	4			30-33	59	57	54		bw.	None	10	
Mid.				East.	"	4			30-31	59	56	53		"	"	10	

4-265

under the command of W. K. Mead, Commander, U. S. Navy,
Tuesday September 13, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Barometer falling slowly. Moderate breeze from N.E. - N.N.E. and N. - Moon rose at 12.40. Distilling.

J. T. Newton
Lieut. U. S. N.

4 o'clock to 8 A.M.
Clear and pleasant. Heavy dew first hour. Moderate breeze from North. Lowered steam launch, hove off cat and fish, brought to the chain and made preparation for great gun target practice. Distilling.

Jno. F. W. Holman
Lieut. U. S. N.

8 A.M. to Meridian.
Clear and pleasant. Gentle breeze from N.W.&W. Made usual preparations for target practice with great guns. At 9.40 got under way. At 9.50 went to general quarters and had target practice. Expended the following ammunition:- 6 - 5 lbs. charges 60 pounder; 6, 30½ lbs. charges, 8 in; 12 - 10 lbs. charges IX in; 6, 12 oz. 3 in. C. L. R. charges; - 6, 60 pounder shells; 6, 8 in. short Butler shell; 12, - IX in. 5 seconds shell; 6, 3 in. shrapnell.

F. J. Prindle
Lieut U. S. N.

Meridian to 4 P.M.
Bright and pleasant - gentle to light breeze from N.W.by W. At 2.00 got under way - Had practice of 1st and 2d Riflemen. After which stood in for Colonia - Navigator conning. Draught forward 13 - 7; aft 15 - 11; - amidships 14. 9.

J. T. Newton
Lieut. U. S. N.

4 to 8 P.M.
Clear and pleasant. Dew latter part. Light airs from South shifting to N.E. last hour. At 4.25 called "all hands" "bing ship to anchor. At 4.30 let go both anchors and moored with 4 5 fathoms on each chain. Put on mooring swivel Bearings from anchorage - Farallon Lt. S.W. by W ½ W (mag) - and Colonia Lt., E.S.E. ¾ E (mag) - Draught forward 13' 9"; amidships 14' 10" and aft 15', 11". Hauled fires. Fires under one boiler for heating ship.

F. J. Prindle
Lieut. U. S. N.

8 P.M. to Midnight.
Clear and pleasant - barometer falling - gentle to moderate breeze from N.N.E.

J. T. Newton
Lieut. U. S. N.

Examined and found to be correct.

W. K. Mead
Navigator.

4-205

LOG of the UNITED STATES Steamer "Essex", 3d Rate,
Colonia. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W. by N.	N.W.	2			30. 30	59	55	53		bar.	cir. cum.	7	
2				N.W.	N.N.W.	2			30. 30	60	56	53		"	"	7	
3				"	"	2			30. 30	60	55	53		"	"	8	
4				"	"	2			30. 29	59	55	53		"	"	8	
5				NW by N.	"	2			30. 29	58	55	52		"	"	9	
6				NW.	"	2			30. 29	55	54	52		bar	"	8	
7				"	"	2			30. 31	56	52	50		"	"	9	
8				"	"	2			30. 32	62	54	52		"	"	9	
9				E. by S.	N.W.	3			30. 31	66	59	56		"	"	8	
10				E. by S.	"	2			30. 31	67	62	59		"	"	7	
11				"	"	2			30. 31	67	62	60		"	"	7	
Noon.				"	"	2			30. 32	68	62	60		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 360 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2680 "

Coal consumed during the preceding 24 hours, 1 tons 1390 lbs.

Coal remaining on hand at Noon, 72 " 1275 "

P. M.																	
1				West	N.W.	2			30. 31	68	64	61		bx.	cir.	8	
2				N.W.	"	1			30. 29	69	65	61		"		8	
3				"	"	1			30. 25	69	66	62		"		8	
4				"	"	1			30. 24	69	68	63		"		6	
5				"	NW by N.	2			30. 23	69	68	64		"		5	
6				E. by S.	"	1			30. 23	73	68	64		"	cir. str.	4	
7				S.E.	N.N.E	2			30. 23	75	65	64		"		6	
8				"	"	2			30. 24	74	64	61		"		8	
9				"	"	1			30. 23	74	64	61		"		9	
10				"	NE.	2			30. 22	71	63	60		"		9	
11				"	"	2			30. 20	68	62	58		"		9	
Mid.				"	"	2			30. 19	62	60	57		"		9	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday, September 14, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Fair and pleasant. light breeze from N.W. and N.N.W.

W. Ry Mason Jr.
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. Moon and starlight first part. Light breeze from N.N.W.

F. H. Wilcox
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant - barometer steady - gentle to light breeze from N.W. - Quarters at 9.30. The Navigators division commenced target firing with rifles. The Powder division had their revolver practice. Fired an exercise torpedo from the Steam Launch. The U.S. Consul visited the ship officially.

J.T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine. light breeze to light airs from N.W. Ship's company exercising at target practice with small arms.

W. Ry Mason Jr.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. barometer steady - light breeze to light airs from N.W. by N and N.N.E. Quarters at 5.45. Engineers and 3rd Division, finished revolver target practice - Marine Guard firing at rifle target.

J.T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine. light breeze to light airs from N.N.E and N.E.

W. Ry Mason Jr.
Ensign U.S.N.

Examined and found to be correct.

L. K. Mervine
Lieut - Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 25. Rate,

Colonia. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E. by S.	N.N.E.	3			30-17	64	59	56		f.	none	10	
2				N.N.W.	"	3			30-15	60	57	54		"	"	10	
3				N.W.	"	3			30-14	60	58	56		"	"	10	
4				"	"	2			30-13	60	58	56		"	"	10	
5				"	N.N.W.	2			30-14	60	58	56		fc.	cir. cumr.	8	
6				"	"	1			30-14	58	59	57		f.cm.	"	8	
7				N.W. by N.	"	1			30-15	58	59	57		"	"	8	
8				"	"	1			30-19	70	59	57		"	"	8	
9				"	"	1			30-19	68	60	58		"	"	8	
10				S.W.	N.W.	1			30-19	68	62	60		"	"	8	
11				S.E.	West.	1			30-18	67	63	61		"	"	9	
Noon.				S.S.E.	"	1			30-17	67	64	62		f.m.	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 324 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2356 "

Coal consumed during the preceding 24 hours, tons 2 2 05 lbs.

Coal remaining on hand at Noon, 71 " 1310.

P. M.																	
1				S.W.	West.	1			30-14	68	65	62		f.cm.	cir. cumr.	9	
2				W.N.W.	"	1			30-12	68	67	64		"	"	9	
3				N.W.	"	1			30-10	68	67	65		"	"	9	
4				"	N.W.	1			30-09	69	67	65		"	"	9	
5				"	East	1			30-09	68	69	66		"	"	8	
6				"	"	1			30-09	70	67	65		"	"	8	
7				"	N.E.	1			30-10	72	65	63		"	"	9	
8				"	"	1			30-11	72	64	62		"	"	9	
9				E. by N.	"	2			30-11	72	63	61		"	"	9	
10				E. by E.	"	3			30-10	67	62	60		fc.	cir. cumr.	9	
11				S.E.	"	2			30-10	62	61	60		"	"	9	
Mid.				"	"	1			30-10	62	62	60		"	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, September 15, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences [illegible] until 4 P.M.
Clear and pleasant: Light and gentle breezes from N.E.

C.M. Stone
Ensign U.S.N.

4 to 8 P.M.
Bright and pleasant - barometer rising - light breeze and light airs from N.N.W. - Third Division finished rifle target-practice -

N. J. T. Newton
Lieut. U.S.N.

8 P.M. to Meridian.
Clear and fine, light airs from N.N.W. to W. Mustered and inspected at quarters - The Commanding Officer called officially on the Governor, Captain of the Port and the American Consul - The ships company engaged in target practice with small arms - The Commanding Officer awarded the following punishments, viz: Lear. N. (B. Mate) 3 4 hours overtime: 4th. class 3 months and $2.50 Monthly Money; Vogel F. (Painter), 4½ hours overtime. 2d. class 1 month; - Carmichael. Wm (Machinist) - Brought on board from police station - 2 days 6 hours overtime - 4th class 3 months; - Dwyer James (Ldg.) Brought on board from police station, 7 3/4 hours overtime, - 4th class 3 months and $2.50 Monthly Money; - Flaherty F. J. (Cox). 5 9 hours overtime, 4th class 3 months and $2.50 Monthly Money - Maloney J. (Ck.) 135 hours overtime, 4th class 3 months and $2.50 Monthly Money - Smith Chas (Cuplin) 38 hours overtime, 4th class 3 months and $2.50 Monthly Money - Clinton John (2nd. class F) 39 hours overtime, 4th class 3 months and $2.50 Monthly Money - Ober Wm. (Drummer) leaving his station 2 hours extra duty - Sahlen C. (Ck.) Interfering with the drilling of recruits - and slow obeying order of Corporal of Guard when ordered to move on - 2 nights extra watch -

F. W. Bymaster Field.
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - Misty - Light airs from West and N.W. The ships company engaged in target practice with pistols and rifles - Started distilling -

C.M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear and fine, light airs from E. and N.E. Mustered at quarters. Ships company engaged until supper in target practice with small arms.

F. W. Bymaster Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant - Light airs to gentle breezes from N.E. Stopped distilling -

C.M. Stone
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	Calm	0			30-10	64	62	60		b.c.	cir. cumu	9	
2				N.W.	N.W.	1			30-10	63	62	60		"	"	9	
3				"	"	1			30-10	63	62	60		"	"	9	
4				"	"	2			30-10	63	61	60		"	"	9	
5				"	"	2			30-11	62	60	59		"	"	8	
6				"	"	2			30-11	60	59	57		"	"	7	
7				"	"	2			30-13	61	61	60		"	"	8	
8				"	"	2			30-16	68	61	60		"	"	9	
9				"	"	1			30-17	71	63	59		b	none	10	
10				"	"	1			30-18	68	64	60		"	"	10	
11				West	"	1			30-17	69	65	62		"	"	10	
Noon.				S.E.	"	1			30-17	67	66	63		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 358 gallons.

Water distilled during the preceding 24 hours, 1052 "

Water remaining on hand fit for use at Noon, 3050 "

Coal consumed during the preceding 24 hours, tons 2205 lbs.

Coal remaining on hand at Noon, 70 " 1345

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
P. M.																	
1				S. E by S.	W.N.W.	2			30-16	69	66	63		b.c.m	cir. cumu	9	
2				"	W.S.W.	2			30-16	69	66	64		"	"	9	
3				"	S.W.	2			30-14	69	67	65		"	"	9	
4				"	S.E by S.	2			30-13	70	66	63		"	"	9	
5				East.	S.E.	2			30-13	69	66	62		"	"	9	
6				N.E by N.	East.	1			30-13	72	66	63		"	"	9	
7				"	"	1			30-12	72	65	62		"	"	9	
8				"	"	1			30-12	74	64	62		"	"	9	
9				E by N.	N.E.	2			30 13	74	64	61		"	"	9	
10				E.S.E.	"	3			30-13	68	63	60		b	more	10	
11				S.E.	E.N.E.	3			30-13	65	62	60		"	"	10	
Mid.				"	"	3			30-13	64	61	58		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday September 16, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Quantico H.W.
Clear. Calm and light airs from N.W.

W.O. Bulmer
Ensign U.S.N.

4 to 8 A.M.
Clear and fine. light breeze from N.W. Executed Morning orders. Received in Pay Department 76 lbs. soft bread, 90 lbs fresh beef and 90 lbs. vegetables.

W. Ray Ramsfield.
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs from N.W. At 9.30 mustered at quarters, finished firing 2d division at the target with small arms. Fired boarder. Fired the 3 in. B.L.R. from the sailing launch.

C.W. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear. Light breeze from W.N.W. to S.E. by S. Fired at target with Gatling from St. Launch. Brought in targets and buoys, and put out sub-calibre target. Served out Clothing and Small Stores.

W.O. Bulmer
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Light airs and breezes from S.E. and East. Hoisted steam Cutter.

C.W. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear. Gentle breeze from N.E. to E.N.E.

W.O. Bulmer
Ensign U.S.N.

Examined and found to be correct.

W. K. Mead
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 35 Rate,
Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by E.	N.E.	3			30-12	62	60	58		b.	none	10	
2				"	"	3			30-10	61	60	58		"	"	10	
3				N.E. by E.	"	3			30-08	61	60	58		"	"	10	
4				N. by W.	N.N.E.	3			30-07	61	61	58		"	"	10	
5				N.W.	"	3			30-07	61	59	57		b.c.	cum	9	
6				N.W. by N.	"	3			30-07	61	59	57		b.cu.	"	8	
7				"	"	3			30-06	61	60	58		"	"	9	
8				"	"	3			30-09	69	62	60		"	"	9	
9				"	"	3			30-10	76	66	62		f.a.	"	9	
10				N.N.W.	"	3			30-09	70	69	65		"	"	9	
11				"	"	3			30-08	70	71	66		"	"	9	
Noon.				"	"	2			30-07	70	72	68		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2688 "

Coal consumed during the preceding 24 hours, tons 15 40 lbs.

Coal remaining on hand at Noon, 69 " 2045.

P. M.																	
1				North	N.N.E.	3			30-03	71	73	66		b.c.	cir str	9	
2				N. by E.	"	2			30-02	71	73	66		b.cu.	none	10	
3				"	"	2			29-99	71	74	67		"	"	10	
4				N.N.E.	"	3			29-97	72	75	68		"	"	10	
5				N. by W.	"	3			29-94	72	73	68		"	"	10	
6				N.W.	"	3			29-96	72	72	68		"	"	10	
7				"	"	1			29-96	75	71	68		"	"	10	
8				"	"	1			29-96	75	70	68		"	"	10	
9				"	"	1			29-95	76	69	66		"	"	10	
10				N.N.W.	"	1			29-98	72	68	65		"	"	10	
11				East	"	1			29-97	66	66	63		"	"	10	
Mid.				E. by S.	"	2			29-96	65	65	62		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, September 17, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cont'd P.M.
Clear and pleasant. Gentle breeze from N.E.

H. Geo. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. Gentle breezes from N.E.
Executed morning orders.

C.W. Stone
Ensign U.S.N.

8 A.M. to Meridian.
Clear and warm. Gentle to light breezes from N.E.
Aired bedding. At 11.45 began to swing. J. Mahoney (A) reported expiration of term of enlistment.

W.O. Arthur
Ensign U.S.N.

Meridian to 4 P.M.
Hazy and pleasant. Light to gentle breezes from N.E.
Sent a liberty party on shore.

H. Geo. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Gentle breeze to light airs from N.E.

W.O. Arthur
Ensign U.S.N.

8 P.M. to Midnight.
Hazy and pleasant. Light airs to light breeze from N.N.E.

H. Geo. Holman
Lieut. U.S.N.

Examined and found to be correct.

E. K. Smith
Lieut., Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	Calm.	0			29-97	65	65	63		b.	none	10.	
2				"	"	0			29-97	65	65	63		"	"	10	
3				"	North.	1			29-97	65	65	63		"	"	10	
4				"	"	1			29-97	65	65	62		"	"	10	
5				W. by N.	"	1			29-97	65	65	62		"	"	10	
6				N.W.	N.N.W.	2			29-97	65	65	62		b.c.m.	cum.	8	
7				"	"	2			29-98	64	65	63		"	"	7	
8				N.W. by N.	"	2			30-00	70	66	64		"	"	7	
9				N.W.	"	3			29-99	73	68	65		b.m.	none	10	
10				W.N.W.	W.S.W.	3			30-00	71	67	65		"	"	10	
11				"	"	2			30-00	70	67	65		"	"	10	
Noon.				"	"	2			30-01	69	68	66		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 355 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2333 "

Coal consumed during the preceding 24 hours, tons 2110 lbs.

Coal remaining on hand at Noon, 68 " 2175

P. M.														
1				S.E.	S.E.	2	30-00	68	67	65	b.m.	none	10	
2				E.S.E.	E.S.E.	3	29-98	69	67	65	"	"	10	
3				"	"	4	29-97	69	65	63	"	"	10	
4				"	"	5	29-97	68	63	61.	"	"	10	
5				S.E.	S.E.	6	29-97	66	61	59	b.c.m.	cir. etc.	9	
6				"	"	6	29-97	66	59	56	"	"	8	
7				"	"	6	29-97	73	59	56	"	"	8	
8				"	"	6	29-98	72	59	56	"	"	9	
9				S.E. by E.	E.S.E.	5-6	29-97	72	58	55	b.c.g.l	cir. cum.	4	
10				"	"	5-6	29-96	70	58	56	"	"	4	
11				"	"	6-8	29-92	68	58	56	"	"	4	
Mid.				"	"	6-8	29-89	67	57	56	"	"	4	

under the command of W. W. Mead, Commander, U. S. Navy,

Sunday September 18, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant - Starlight. Calm and very light airs from North -

F. Arridson
Lieut. U.S.N.

4 to 8 A.M.

Clear - Light airs to light breeze from the North to N.N.W. - Received in Pay Department - 95 lbs. each Beef and Vegetables and 76 lbs. Bread.

W.W. Bulme
Ensign U.S.N.

8 A.M. to Meridian.

Clear and pleasant - Gentle to light breeze from N.N.W, first hour shifting to W.S.W. At 9.30 the Commanding Officer inspected the ships and the crew at quarters.

Jas. L. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Clear overhead misty along horizon - Light to stiff breeze from S.E. to E.S.E.

F. Arridson
Lieut. U.S.N.

4 o'clock to 8 P.M.

Hazy. Fresh breeze from S.E. At 5.45 mustered at quarters. At 6 sent down topgallant yards and housed topgallant-masts

Jas. L. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Partly cloudy. Fresh breeze with moderate squalls from E.S.E. Lightning to S'd. and W'd.

F. Arridson
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut, Navigator.

4-205

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,

Colonia, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by E.	E.S.E.	6-8			29.85	63	57	56		b.c.g.l.	nimb.	5	
2				"	"	6-8			29.86	64	57	56		a.c.g.l	"	0	
3				S.E.	"	6-8			29-87	63	57	55		"	"	0	
4				"	"	7-8			29-86	63	57	55		"	"	0	
5				S.E. by E	"	6-8			29-84	63	58	56		"	"	0	
6				"	"	6-8			29-85	63	57	56		"	"	0	
7				E.S.E.	"	6-8			29-83	61	57	56		o.c.g.d.	"	0	
8				"	"	6-8			29.82	68	57	57		"	"	0	
9				S.W.	"	6-8			29-83	68	58	57		o.c.g.r	"	0	
10				N.E.	"	5-7			29-81	65	59	58		"	"	0	
11				East	"	5-7			29.78	70	59	58		o.c.g.	"	0	
Noon.				E.S.E	"	3-6			29-81	70	59	58		o.c.g.r.l.t.	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 320 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2004 "

Coal consumed during the preceding 24 hours, tons 2205 lbs.

Coal remaining on hand at Noon, 67 " 2210

P. M.																	
1				S.E.	E.S.E	5-6			29-72	72	59	58		o.c.g.r.	cum. nim	0	
2				S.E. by E.	S.E. by S.	5-6			29-71	74	58	57		o.c.g.l.t.	"	0	
3				S.E.	S.E.	6-8			29-68	74	56	55		"	"	0	
4				"	"	4-8			29-69	73	56	55		o.c.g.	"	0	
5				S by E.	S.S.E.	6-8			29-72	73	55	54		"	nim.	0	
6				South.	South.	6-8			29-76	75	54	53		o.c.g.d.	"	0	
7				S.S.W.	S.S.W.	7-9			29-77	75	53	52		"	"	0	
8				S.W. by W.	"	7-9			29-77	70	50	50		"	"	0	
9				W.S.W.	"	7-10			29-81	75	49	48		"	"	0	
10				W. by S.	"	7-10			29-82	74	49	48		"	"	0	
11				S.W. by W.	"	7-9			29-82	71	49	48		"	"	0	
Mid.				S.S.W.	"	7-9			29-83	68	48	47		"	"	0	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, September 19-, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy first hour - overcast remainder of watch Wind S.S.E., fresh breeze to moderate gale, increasing at times to strong gale last hour - Let go sheet anchor and veered to 30 fathoms on all chains -

J. T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.
Overcast. Fresh breeze to moderate gale from E.S.E. Occasional light drizzles last part.

Geo. L. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy - thick and raining - Strong breeze from E.S.E. with very frequent moderate to heavy squalls - Took off mooring swivel - Received in Pay Department 95 lbs. fresh meat, 95 lbs vegetables and 76 lbs. soft bread for issue to crew.

F. F. Friedell
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast equally, raining, barometer falling slowly - Wind from E.S.E., S.E. by S. and S.E. gradually increasing in force, to moderate gale at end of watch - Hove up port bower and sheet anchors - and starboard chain into 45 fathoms. Let go port bower and veered 45 fathoms on both bower chains. At end of watch, wind blowing a moderate gale - barometer falling - and weather threatening - the Commanding Officer ordered fires started under 3 boilers - Private J. Quigley was exercised for 1 hour -

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Cloudy with drizzling rain: Moderate gale increasing to strong gale, shifting from S.S.E. to S.S.W. - Moderate to heavy squalls - Barometer rising - At 5.50 steam reported ready, turned over engines and banked fires, - clear hawse -

F. F. Friedell
Lieut. U.S.N.

8 P.M. to Midnight.
Overcast - barometer rising - Wind from S.S.W. - blowing with force of strong gale and at times gale, till 10.00, after which moderating in force with longer lulls - Began turning over the engines to ease the cables about 9.00 - Stopped at 11.00 and banked fires - Cross in hawse starboard chain on top -

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

W. K. Lemly
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.S.E.	7-10			29-82	64	47	46		o.c.g.	nim	0	
2				S.W. by S.	S.W. by S.	7-10			29-84	61	48	46		"	"	0	
3				S.W.	S.W.	7-10			29-84	61	48	46		"	"	0	
4				"	"	7-10			29-84	61	49	48		"	"	0	
5				S.W. by W.	"	6-9			29-87	60	50	49		"	"	0	
6				West.	S.W. by W.	6-9			29-89	60	58	49		"	cir. cumu nim	0	
7				W.S.W.	"	5-8			29-91	57	50	49		b.c.g.	"	4	
8				"	"	5-8			29-91	59	51	50		"	"	4	
9				N.W. by W.	"	5-8			29-94	60	51	50		"	"	4	
10				"	"	5-8			29-99	66	52	50		"	"	3	
11				"	W.S.W.	5-7			30-01	68	53	51		"	"	2	
Noon.				"	"	5-7			30-01	71	53	51		"	"	1	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: { Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M. { Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. { Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1594 "

Coal consumed during the preceding 24 hours, 2 tons 955 lbs.

Coal remaining on hand at Noon, 65 " 1255.

P. M.																	
1				W.N.W.	W.S.W.	6			30-01	69	54	52		o.c.	cumstr	0	
2				"	"	6			30-00	68	55	53		"	"	0	
3				"	"	6			29-99	65	56	54		"	"	0	
4				"	"	6			29-98	65	56	54		b.c.	"	9	
5				"	West	4-6			29-98	68	57	54		"	"	8	
6				"	"	6			29-97	68	56	54		"	"	8	
7				"	"	6			29-98	73	56	54		"	"	8	
8				"	"	5			29-98	72	56	54		"	"	9	
9				"	"	5			30-00	70	56	54		"	"	7	
10				"	"	4			30-01	72	56	54		"	"	5	
11				West	"	4			30-01	67	55	53		"	"	8	
Mid.				W.S.W	"	3			30-01	65	55	53		"	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday. September 20, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Overcast - Moderate to very heavy gale from S.S.E. to S.W. A very severe pampero blowing the entire watch. A moderate sea inside of the harbor - Fires banked. Riding to both anchors with most of the strain on the starboard chain. Chains crossed - starboard chain on top.

W. Ry Mann Field.
Ensign U.S.N.

4 to 8 A.M.

Cloudy first part - clearing latter part. Strong breeze to fresh gale from S.W. to S.W. by W. Frequent heavy squalls. Moderate harbor sea. Barometer rising - A coal hulk moored near us, broke adrift and drove ashore during the night. Cross in hawse - starboard chain on top. Fires banked.

W. ~~F. F. Fields~~
~~Lieut.~~ U.S.N.

8 A.M. to Meridian -

Cloudy - fresh breeze to moderate gale from S.W. by W. and W.S.W. - decreasing in force at end of watch. Barometer rising. At 9.30 quarters - At 9.43 called away all boats - times as follows viz;- Steam Launch reported ready 2m 31/sec;- Sailing Launch in 2m 32s;- 1st Cutter in 1m 48s;- 2d Cutter in 1m 52s; Whale Boat 2m 30s;- Gig in 4m 00s. Overhauled all boat-breaker, and cleaned them - Hauled fires, except under boiler used for heating - Cross in hawse starboard chain on top. Riding by port anchor between wind and current.

W. J. T. Burton
~~Lieut.~~ U.S.N.

Meridian to 4 P.M.

Overcast and cloudy, stiff breeze from W.S.W. Riding to port anchor. Cross in hawse. Fires up for heating.

W. Ry Mann Field.
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant - fresh breeze from West - barometer steady At 5.45 quarters. Cross in hawse. starboard chain on top. Riding by port anchor between wind and current -

W. J. T. Burton
~~Lieut.~~ U.S.N.

8 P.M. To Midnight -

Clear and cold, stiff to gentle breeze from West.

W. Ry Mann Field.
Ensign U.S.N.

Examined and found to be correct.

W. K. Lewis
Lieut, Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex" Colonia - Uruguay -, 25 Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.W.	W.S.W.	3			30-00	62	55	54		b	none	10	
2				S.S.E	"	3			30-00	59	56	55		"	"	10	
3				"	"	2			30-00	59	56	55		"	"	10	
4				"	S.W.by W.	2			30-00	59	55	54		b.c.w.	"	9	
5				"	W.S.W.	2			30-00	59	56	54		"	cum.	9	
6				S.E by E	N.E.	2			30-00	54	55	54		b.c	cir. cum.	8	
7				W.N.W.	W.N.W	2			30-01	54	51	51		"	"	7	
8				N.W. by W.	"	2			30-05	59	52	51		"	"	9	
9				"	"	3			30-07	68	53	52		"	"	8	
10				"	"	2			30-08	69	55	53		"	"	8	
11				"	"	2			30-09	71	56	54		"	"	8	
Noon.				"	"	2			30-09	70	57	55		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1232 "

Coal consumed during the preceding 24 hours, tons 1350 lbs.

Coal remaining on hand at Noon, 64 " 2145.

P. M.																	
1				N.W.	W.N.W.	1			30-09	69	58	55		b.c.	cir cum	8	
2				"	N.N.W.	1			30-09	68	59	56		"	"	8	
3				"	Calm.	0			30-09	67	60	58		"	"	8	
4				"	"	0			30-09	67	63	60		"	"	8	
5				S.E.	"	0			30-07	65	63	60		"	"	6	
6				"	"	0			30-06	68	62	60		"	"	5	
7				"	East	1			30-06	69	62	60		"	"	2	
8				North.	E.N.E.	2			30-06	72	62	60		"	"	7	
9				N.N.W.	N.E.	2			30-07	71	62	60		"	"	8	
10				N.N.W by N.	"	3			30-07	69	60	59		"	cir cum nim	6	
11				"	"	3			30-06	64	59	57		"	"	7	
Mid.				"	N.N.E.	3			30-05	63	58	57		"	"	7	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday, September 21, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cuntril 4 A.M.
Clear and pleasant. Gentle and light breeze from W.S.W and S.W. by W. Riding to starboard anchor. Clear hawse.

C.M. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. barometer rising. light breeze from W.S.W. N.E and W.N.W. Sent up topgallant mast. crossed topgallant yards and loosed sail to a buntline. Received in Pay Department 70 lbs. soft bread. 95 lbs. fresh beef. 90 lbs. vegetables. Riding to port anchor. Clear hawse.

J. J. Hunter
Lieut. U.S.N.

8 A.M. to Meridian
Clear and fine. light breeze from W.N.W. Mustered at quarters and exercised at company drill. Clear hawse.

F. W. Rayhawn Todd.
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Calm and light airs from W.N.W and N.N.W. Exercised prisoner for one hour. Sent Marine Guard on shore to fire at target. Cross in hawse, port chain on top.

C.M. Stone
Ensign U.S.N.

4 to 8 P.M.
Fair and pleasant. Calms and light airs from E. Stove up port anchor, straightened out starboard chain and re-moored with 45 fathoms on starboard chain, 30 fathoms on the port. open hawse to S.E. Furled sail. The Marine Guard finished the shore target practice and returned to the ship.

F. W. Rayhawn Todd.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light and gentle breezes from N.E. and N.N.E. Riding to port anchor. Clear hawse.

C.M. Stone
Ensign U.S.N.

Examined and found to be correct.

[illegible]
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Colonia - Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.W.	N.E.	2			30-05	62	57	56		b.c.	cum. nimi	7	
2					North	3			30-04	61	56	55		"	"	2	
3				E.N.E.	"	3			30-02	58	55	55		"	"	5	
4				E.S.E.	N.N.E.	4			30-00	55	55	54		"	"	3	
5				"	North	5			30-00	57	54	52		"	"	7	
6				East.	"	5			30-00	58	53	52		"	cir. cum. str.	6	
7				N. by E.	"	5			30-00	59	53	52		"	"	7	
8				N.N.W.	"	4			30-03	70	56	54		"	"	7	
9				W.	N.N.W.	4			30-02	74	60	58		b	none	10	
10				"	N.W.	3			30-02	72	62	61		"	"	10	
11				"	"	3			30-03	70	62	61		"	"	10	
Noon.				"	"	3			30-01	69	62	61		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 368 gallons.

Water distilled during the preceding 24 hours, 384 "

Water remaining on hand fit for use at Noon, 1248 "

Coal consumed during the preceding 24 hours, tons 2015 lbs.

Coal remaining on hand at Noon, 64 " 130

P. M.																	
1				N.W. by W.	N. by W.	3			29-97	68	64	62		b.m.	none	10	
2				"	W.N.W.	3			29-96	71	66	64		b.c.	cir. cum.	8	
3				"	"	2			29-93	70	67	66		b.c.m.	"	6	
4				W.N.W.	W.S.W.	1			29-91	70	68	67		"	"	3	
5				S.E.	S.S.E.	1			29-90	69	66	62		"	"	3	
6				"	E.S.E.	1			29-89	70	65	62		"	"	4	
7				E.S.E.	East.	3			29-88	72	65	61		b.c.l.	"	5	
8				E.N.E.	E.N.E.	3			29-88	73	63	60		"	"	5	
9				N.E.	"	2			29-88	73	62	59		"	"	6	
10				N.W.	North.	2			29-89	72	63	59		"	"	2	
11				West	W.S.W.	5			29-93	69	63	60		"	"	7	
Mid.				"	South.	3			29-92	65	61	59		b.c.	gun str.	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, September 22, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Generally cloudy. Light to moderate breeze from N.E. to the North. At 2.45 began to swing to flood.

W.O. Bulmer
Ensign U.S.N.

4 to 8 A.M.
Clear and fine, stiff to moderate breeze from N. Sent the 2d Company ashore for target practice. A small Uruguayan gun boat came in, and went out again. Hove up port anchor and hove in to 45 fathoms on port chain.

W. Py Mason Field
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Gentle and moderate breezes from N.N.W. and N.W. 2d Company returned on board on account of having disabled the steam cutter by running on reef. At 9.30 mustered at quarters. The "Gantic" came in and anchored, - the following signals were exchanged - Gantic made signal, Coronet 235. answered and hoisted coronet 44. Made signal 1244. Gantic made signal interrogatory 4557 answered affirmative The Commanding Officer of Gantic called on board officially. Started distilling.

C.M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear. Gentle breeze to light airs from N.W. by W. to W.S.W. Repaired and lowered Steam Launch. Rattling down fore rigging - 2d Company went on shore at 12.30 to fire at target. Distilling. At 3.57 started to swing.

W.O. Bulmer
Ensign U.S.N.

4 to 8 P.M.
Cloudy. Light airs and breezes from S.S.E. to East. and E.N.E. 2d company returned from target practice on shore. At 5.45 mustered at quarters.

C.M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Light to stiff breeze from E.N.E. to the South, shifting during last third hours to W.S.W and blowing in squalls. Clearing last hour. Distilling.

W.O. Bulmer
Ensign U.S.N.

Examined and found to be correct.

L. K. Lamb
Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Colonia. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				W.N.W.	S.S.W.	4			29-94	63	61	60		b.c	cir. cumu. nimi.	4	
2				W by S	S.S.E.	4			29-93	63	60	59		b.c.l.	"	7	
3				South.	South.	3			29-93	63	59	58		b.c	"	7	
4				S.E.	S.W.	3			29-94	61	59	58		.	"	7	
5				"	"	4			29-95	57	58	56		"	"	3	
6				South.	"	4-5			29-97	56	57	54		"	"	5	
7				S.W.	"	4-5			30-01	60	54	52		"	cir. cumu	8	
8				"	"	4-5			30-06	70	52	51		"	"	9	
9				W. by S.	"	6			30-06	69	52	50		b.c.g.	"	9	
10				West	"	5-6			30-06	69	54	52		.	"	9	
11				W.N.W.	"	5-6			30-07	69	56	53		.	"	9	
Noon.				"	"	5-6			30-07	72	58	55		.	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 380 gallons.

Water distilled during the preceding 24 hours, 2268 "

Water remaining on hand fit for use at Noon, 3136 "

Coal consumed during the preceding 24 hours, 1 tons 1675 lbs.

Coal remaining on hand at Noon, 62 " 695.

P. M.																	
1				N.W. by W.	W.S.W.	4-6			30-08	71	59	56		b.c.g.	cir. cumu	8	
2				W.N.W.	"	4-6			30-08	72	60	57		"	"	6	
3				"	"	4-6			30-08	69	58	56		.	"	5	
4				W. by S.	S.W. by W.	4-6			30-09	67	55	54		"	"	7	
5				S.W. by W.	"	5-7			30-10	68	57	53		"	"	4	
6				"	"	5-6			30-16	74	57	53		o.c.g.	cumu nimi	0	
7				"	"	4-6			30-18	74	57	53		.	.	0	
8				"	"	4-6			30-19	72	53	52		.	.	0	
9				"	"	4-6			30-20	70	53	52		b.c.g.	.	5	
10				W.S.W.	"	5-6			30-23	72	53	52		"	.	9	
11				W. by S.	"	5-6			30-23	65	53	52		"	.	9	
Mid.				"	"	5-6			30-22	62	57	53		.	.	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday, September 23, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clearing - Distant lightning in S.W. second hour. Moderate to gentle breeze from S.S.E. to S.W. Distilling.

H Jno. L. Holman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy and clearing - Moderate and stiff breezes from S.W. Executed morning orders - Stopped distilling. Made signals as per signal record.

Chas. Clusone
Ensign Lt. U.S.N.

8 A.M. to Meridian.
Clear. Fresh to stiff breeze in squalls from S.W. At 8.00 half-masted colors because colors on Government House were half-masted. At 9.30 mustered at quarters - 2d and 3d Companies at Infantry - Signals as per record. Paid prize money for marksmanship with small arms. At 8.10 let go port anchor and veered 30 fathoms on both chains as ship was dragging.

W.O. Hulme
Ensign. U.S.N.

Meridian to 4 P.M.
Clouding - Moderate to stiff breeze with fresh squalls from W.S.W., to S.W. by W. - At 1.30 drilled the Marines and Pioneers at infantry and the Apprentices in signaling. Exercised Private J. Quigley, one hour on deck without irons.

H Jno. L. Holman
Lieut. U.S.N.

4 to 8 P.M.
Overcast - Moderate to fresh breeze from S.W. by W. - At 5.35 made preparatory 6341 and at 5.37 - 6341 - Housed topgallant masts at 5.39 - At 5.54 went to fire quarters - Times of streams as follows; - 1st stream in 1 min. 05 sec.; - 2d stream, 1 min, 10 sec; - 3d stream 1 min. 20 seconds; - 4th stream in 1 min. 25 sec.

W.O. Hulme
Ensign. U.S.N.

8 P.M. to Midnight.
Clearing. Moderate to stiff breeze with fresh squalls from S.W. by W.

H. Jno. L. Holman
Lieut. U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate, Colonia Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				W. S. W.	S. W.	5-7			30-23	62	52	51		by.	none	10	
2				"	"	5-7			30-22	61	52	51		"	"	10	
3				S. W. by S.	"	4-7			30-23	60	51	50		"	"	10	
4				S. S. E.	"	4-6			30-23	55	51	50		"	"	10	
5				S. E.	"	4-6			30-22	52	52	50		b.c. q.	"	9	
6				S. S. E.	"	4-5			30-23	52	51	50		"	"	9	
7				"	"	3-4			30-25	54	52	51		bc.	"	9	
8				"	"	3-5			30-28	64	53	52		"	"	9	
9				S. W.	W. S. W.	3-4			30-30	68	53	50		"	"	9	
10				W. S. W.	"	3			30-30	66	53	50		"	"	9	
11				West.	"	3			30-30	71	54	50		"	"	9	
Noon.				W. by W.	West.	3			30-29	72	56	51		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 376 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2760 "

Coal consumed during the preceding 24 hours, 1 tons 250 lbs.

Coal remaining on hand at Noon, 61 " 445

P. M.																	
1				W. N. W.	West.	3			30-27	71	57	53		bc.	cir. cumu	9	
2				"	"	3			30-24	72	60	57		"	"	9	
3				N. W. by W.	W. N. W.	2			30-22	72	60	55		"	"	9	
4				W. N. W.	"	2			30-20	71	61	56		"	"	9	
5				S. W.	"	2			30-18	68	62	59		"	"	9	
6				S. S. E.	West.	1			30-17	69	62	59		"	"	9	
7				S. S. W.	"	2			30-16	74	61	58		"	"	9	
8				N. W.	N. N. W.	2			30-16	74	59	57		b	none	10	
9				"	N. W. by N.	2			30-17	73	60	57		"	"	10	
10				"	N. W.	3			30-17	70	60	57		bw	"	10	
11				"	"	3			30-16	67	58	55		"	"	10	
Mid.				"	"	3			30-15	65	57	54		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,

Saturday September 24, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Bright starlight. Stiff to moderate breeze from S.W., with moderate to heavy squalls. Clear hawse.

W. F. Stirlen
Lieut. U.S.N.

4 to 8 A.M.
Clear. Gentle to stiff breeze from S.W. At 7.00 made uniform signals. At 7.45 made preparatory 6144. And at 7.47 made 6144. Crossed T.G. Yards. Lowered Steam Launch.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Moderate to gentle breeze from W.S.W. to West. The Commanding Officer paid an official visit to the Yantic. The Yantic made the following signals; 9.00 Num. 0; 10.00 Num. 4; 12.00 100. Answered.

H. Geo. Tod Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle to light breeze from West to W.N.W.

W. F. Stirlen
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Light airs and breezes from W.N.W. to West. At 5.40 Yantic made Signal Interrogatory 5573. Answered. Affirmative. At 5.45. mustered at quarters.

H. Geo. Tod Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Bright starlight. Moon set about 9.30. Gentle breeze from N.W. by N., to N.W. Ebb tide. Hawse clear.

W. F. Stirlen
Lieut. U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut; Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	N.W.	2			30-12	64	57	55		h.c.w.	cir. cum	8	
2				"	"	2			30-10	63	53	50		"	"	9	
3				"	"	2			30-10	61	53	50		"	"	9	
4				"	"	2			30-09	59	51	50		"	"	9	
5				"	"	3			30-09	60	49	46		b.c.	"	8	
6				N.N.W.	N.W. by N.	3			30-09	57	47	45		"	"	8	
7				N.W. by W.	N.N.W.	3			30-09	59	49	46		"	"	8	
8				"	"	4			30-10	73	53	50		"	"	8	
9				N.W.	N.W.	3			30-12	68	57	53		"	cir	8	
10				"	"	3			30-13	70	59	56		"	"	6	
11				"	"	3			30-12	70	60	58		"	cir. strs.	5	
Noon.				N.W. by W.	"	3			30-12	68	62	58		"		3	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 361 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2399 "

Coal consumed during the preceding 24 hours, tons 2110 lbs.

Coal remaining on hand at Noon, 60 " 575.

P. M.															
1				N.W. by W.	N.W. by W.	3			30-12	68	63	60		b.c.	cir. cum	4	
2				"	W.N.W.	3			30-11	68	65	60		"	"	4	
3				W.N.W.	S.W. by W.	3			30-11	68	66	62		"	"	6	
4				"	S.W.	3			30-11	67	66	61		h.cum	"	6	
5				S.W.	South	3			30-12	67	65	61		"	"	7	
6				S.S.E.	"	2			30-14	67	61	58		"	"	6	
7				S.E. by S.	S.S.E.	3			30-17	65	60	57		"	"	4	
8				"	S.E.	3			30-18	65	59	56		"	"	5	
9				"	"	4			30-22	65	57	55		"	"	5	
10				S.E.	"	4			30-23	64	55	53		"	"	5	
11				"	"	4			30-24	63	53	52		"	"	5	
Mid.				"	"	4			30-25	62	53	51		"	"	7	

under the command of W. W. Mead, Commander, U. S. Navy,
Sunday September 25, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mid until 4 A.M.

Clear and pleasant. barometer falling. light breeze from N.W. - Clear hawse.

J. J. T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.

Clear and pleasant. Gentle to moderate breeze from N.W. to N.N.W. Hove up both anchors finding them badly foul and moored ship with 45 fathoms on each chain, port anchor N.W. - starboard anchor S.E. Bearings from moorings. (mag) Farallon, S.W. ½ W. - Old Church, San Benito. N by E ¼ E. (mag) - At 7 made signals 3356. - Despatch; 3962; 6373. - Answered.

H. George H. Holloman
Lieut. U.S.N.

8 A.M. to Meridian.

Clear first part, partly cloudy latter part. gentle breeze from N.W. At 9.30 Commanding Officer inspected ship and crew. At 10.00 made signals 6375 and 3955 Gantic answered and made routine signals 0, 4, and 99. Put on mooring swivel. 45 fathoms on each chain.

J. H. Cooper, (Coal Heaver) reported the expiration of his term of enlistment.

W. Forbes
Lieut. U.S.N.

Meridian to 4 P.M.

Generally cloudy. pleasant. barometer steady. gentle breeze from N.W. by W. - N.N.W. and S.W. by W. Hauled down Senior Officer's pennant. Commanding Officer leaving the ship on 3 days leave of absence.

N. J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Pleasant weather. Moon and starlight latter part. Gentle to light breeze from South to S.S.E. At 5.45 mustered at quarters.

W. Forbes
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and pleasant. moderate breeze from S.E. Barometer rising.

N. J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

E. K. Lincoln
Lieut. - Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Colonia. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E by S.	S.E.	4			30-25	61	52	49		Lc.	cir. cumulus	5	
2				"	"	4			30-26	60	50	48		"	"	6	
3				"	"	4			30-25	60	49	47		"	"	7	
4				"	"	4			30-25	59	49	46		"	"	8	
5				"	"	4			30-25	68	49	47		"	cir. cumul	7	
6				S.E.	"	4			30.27	69	48	47		"	"	8	
7				"	"	3			30-31	67	50	48		"	"	6	
8				"	"	3			30-31	65	50	48		"	"	5	
9				"	East.	3			30.30	68	52	48		"	"	6	
10				E.S.E.	"	3			30.30	69	53	49		"	"	6	
11				North	"	3			30-29	64	54	52		"	"	8	
Noon.				"	E.S.E	3			30.26	59	56	53		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 387 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2012 "

Coal consumed during the preceding 24 hours, tons 1445 lbs.

Coal remaining on hand at Noon, 59 " 1370

P. M.																	
1				N.W.	E.S.E.	3			30-25	57	57	54		bc.	cir. st.	6	
2				"	"	3			30-23	60	58	55		"	"	8	
3				"	"	3			30-21	57	57	56		"	"	8	
4				N.N.W.	"	4			30-21	63	58	57		"	"	6	
5				E.S.E.	E.S.E	4			30-21	68	55	53		"	"	4	
6				"	E. by S.	4			30-21	67	53	51		"	"	3	
7				"	"	3			30-21	64	53	50		"	"	4	
8				"	"	3			30-21	64	53	50		"	"	4	
9				East.	East.	2			30-20	64	53	51		"	"	6	
10				N.E.	"	2			30-20	63	52	50		"	"	7	
11				N.N.W.	N.E.	2			30-20	61	51	49		"	"	6	
Mid.				"	"	2			30-20	60	50	48		"	"	7	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, September 26, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Fair and pleasant. moderate breeze from S.E.

W. Bynum Tull.
Ensign U.S.N.

4 to 8 A.M.
Fine pleasant weather. Moderate to gentle breeze from S.E. At 7.00 Yantic made Uniform Signals 3350, 3955 and 6375. Received in Pay Department 95 lbs fresh meat, 95 lbs. vegetables and 76 lbs bread.

W. [illegible]
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. barometer falling slowly. gentle breeze from E. and E.N.E. Sent 3rd Company ashore for target practice on Gabriel Id. Commenced sub. calibre practice with 3rd Division. Squared yardarms. C.K. Tenyck (2d class Fireman) reported expiration of term of enlistment.

J. J. Mueller
Lieut. U.S.N.

Meridian to P.M.
Clear and fine, gentle breeze from E.S.E. The Powder division fired at Sub Calibre and the 2nd div. finished up the shore target practice with small arms.

W. Bynum Tull.
Ensign U.S.N.

4 to 8 P.M.
Cloudy and pleasant. moderate to gentle breeze from E.S.E. and E. by S. - At 5.45 quarters. Served out clean hammocks.

J. J. Mueller
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine. light breeze from East. and N.E.

W. Bynum Tull.
Ensign U.S.N.

Examined and found to be correct.

G. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 3d Rate,

Colonia. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N N W	E. N E.	3			30-21	58	52	50		bc	cir. cumu	2	
2				"	"	3			30-21	57	51	49		o c	"	0	
3				"	"	3			30-20	56	50	48		bc	"	5	
4				"	"	3			30-20	55	49	47		"	"	8	
5				N E.	"	3			30-20	54	47	46		"	"	2	
6				East.	"	3			30-18	53	48	46		"	cir cumy sth	4	
7				S by W.	"	2			30-18	53	48	46		"	"	8	
8				S.E. by E.	"	2			30-19	60	50	48		"	"	9	
9				"	E S E	3			30-19	60	52	50		"	"	8	
10				"	"	2			30-19	60	53	50		"	"	8	
11				"	"	2			30-19	60	53	50		"	"	8	
Noon.				"	"	2			30-18	60	53	57		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 320 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1692 "

Coal consumed during the preceding 24 hours, 1 tons 375 lbs.

Coal remaining on hand at Noon, 58 " 1025.

P. M.																	
1				N. W.	E. S. E.	2			30-16	57	57	54		bc	cir cumy	9	
2				"	"	2			30-13	57	58	55		"	"	9	
3				"	"	2			30-12	56	60	57		"	"	9	
4				"	"	2			30-11	56	58	55		"	"	9	
5				N E.	"	2			30-11	56	56	53		bc	none	10	
6				E. S E.	"	2			30-11	58	55	52		"	"	10	
7				S E.	"	2			30-12	64	54	52		"	"	10	
8				"	"	3			30-12	66	54	52		"	"	10	
9				"	"	3			30-13	62	55	52		"	"	10	
10				"	"	3			30-13	61	54	52		"	"	10	
11				E by S.	E. by S.	2			30-13	61	55	53		"	"	9	
Mid.				N. W. by N.	"	2			30-12	58	54	53		bw	"	10	

under the command of W. W. Mead Commander, U. S. Navy,
Tuesday, September 27, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Cloudy. Gentle breeze from E.N.E.

C.M. Stone
Ensign U.S.N.

4 to 8 A.M.
Cloudy. clearing latter part. barometer falling slowly — gentle to light breeze from E.N.E. 3rd Division finished sub-calibre practice.

J.T. Mawhinney
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and fine. light breeze from E.S.E. Mustered at quarters. 1st and 2nd Divisions firing with sub calibre. Crew engaged in rattling down Kingen rigging. The Quarterly Board of Survey, condemned the following articles in Pay Department, - 33 lbs butter, 3 lbs Spices, 2½ lbs tongue and recommended it to be thrown overboard.

W. Ry Thomas Todd.
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light breeze from E.S.E. Finished firing 2d division. Engineers division. at sub calibre. Received in Pay Department 6 half-bbls. sugar.

C.M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear and fine, light breeze from E.S.E.

W. Ry Thomas Todd.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light and gentle breeze from E.S.E. and Ely S.

C.M. Stone
Ensign U.S.N.

Examined and found to be correct.

L.K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Colonia, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	East.	2			30.11	56	51	49		b.cw.	cir. cum.	9	
2				"	"	2			30.10	56	49	48		"	"	9	
3				N.W by N.	E.N.E.	2			30.09	56	48	47		"	"	9	
4				"	"	2			30.08	56	48	47		"	"	9	
5				N.E. by N.	N.N.E.	3			30.08	55	49	48		"	"	9	
6				N.N.W.	"	2			30.08	52	48	47		b.cw	"	8	
7				E.N.E.	"	3			30.09	55	48	47		b.c.f	"	8	
8				E by S.	"	3			30.10	60	46	46		"	"	7	
9				S.E.	W.N.W.	2			30.10	57	52	51		bc	"	9	
10				W.S.W.	West.	1			30.10	60	55	54		f	none	10	
11				West.	"	1			30.10	61	56	53		"	"	10	
Noon.				W.N.W.	"	1			30.08	61	57	54		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 299 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1392 "

Coal consumed during the preceding 24 hours, tons 1570 lbs.

Coal remaining on hand at Noon, 57 " 1725.

P. M.																	
1				N.W by W.	West.	1			30.08	68	60	56		b.c.	cir. cum/str	8	
2				"	W.N.W.	1			30.07	70	62	57				8	
3				N.W.	Calm.	0			30.05	70	64	60				9	
4				"	E.S.E	1			30.04	69	66	62			cir cum	9	
5				"	"	1			30.04	71	66	63				9	
6				"	East.	1			30.04	74	67	62				9	
7				E.N.E.	N.E.	1			30.04	75	62	60				9	
8				E by S.	"	1			30.03	74	62	60				9	
9				East.	N.N.E.	4			30.05	75	61	59		b	none	10	
10				N by E	"	3			30.05	74	58	54				10	
11				"	"	3			30.05	69	55	52				10	
Mid.				N.N.W.	North.	3			30.05	68	55	51				10	

under the command of W. W. Mead, Commander, U. S. Navy,

Wednesday, September 28, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Light breeze from the East to E.N.E.

W.O. Hulme
Ensign, U.S.N.

4 to 8 A.M.
Clear and fine, gentle to light breeze from N.N.E. Received on Day Department 76 lbs. soft bread, 95 lbs fresh beef and 95 lbs. vegetables.

W. Nyman Fitch.
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs and breezes from W.N.W. and West. At 9.38 called all hands clear ship for action. Time 17 minutes. At 10. General Quarters Times as follows, viz; = 1st Division ready - 1m. 45 s.; = 2nd Division 1m. 40 s.; = 3rd Division 1m. 30 s.; = Navigators 1m. 15 s.; Powder 2m. 50 s.; = Engineers 2m.; Marine Guard - 50 seconds; = Pay Department 1m. 05 s.; = Surgeons 1m. 15 s. - At 9.00 made signal numeral 0, at 10.00 numeral 0, and at 12.00 numeral 58.

C.M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear. Light airs from W.N.W. to E.S.E and calms. At 1.00 made Lon. 2984. Prepared to tar down. At 1.12 unbent sail. Tarred down. Lowered all boats to get them out of the way of tar. At 1.15 Commanding Officer returned from leave and at same time broke Senior Officer's Pennant and "Gantic" broke narrow pennant.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Light airs from E.S.E. East & N.E. Finished tarring down and hoisted all boats. At 5.45 mustered at quarters. Exercised prisoner for 3/4 of hour.

Cmdr. C.M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear. Moderate to gentle breeze from N.N.E. to the North.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,
Colonia Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W by N.	N.N.W.	3			30-03	65	54	57		hc	Cir. cumu	7	
2				"	"	3			30-03	64	54	50		"	"	7	
3				"	"	3			30-03	64	54	51		"	"	8	
4				"	N.W. by N.	3			30 03	63	54	51		"	"	8	
5				N.W.	"	3			30-03	62	54	51		"	"	3	
6				"	"	3			30-04	62	53	51		"	str	4	
7				N.W by N.	N.N.W.	3			30-04	61	54	52		"	"	2	
8				"	"	3			30-04	71	57	55		"	"	1	
9				N.W.	N.W.	3			30-07	71	62	60		"	"	6	
10				S.W by W.	W.N.W.	3			30-07	70	63	61		hc	cir cumu	4	
11				"	"	2			30-07	73	64	63		"	"	5	
Noon.					"	2			30 07	73	66	65		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 433 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 966 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 57 " 185 "

P. M.																	
1				N.W.	N.W.	1			30-07	73	67	63		hcw	cir cume	4	
2				"	"	1			30-05	72	68	62		"	"	4	
3				N.W. by W.	West.	1			30-04	72	69	63		"	"	2	
4				"	"	1			30-03	71	70	66		"	"	1	
5				West.	South.	2			30-03	72	68	64		"	"	2	
6				S.S.E.	S. by E.	2			30 03	74	66	63		"	"	3	
7				S.E.	S.S.E.	2			30-03	77	66	63		"	"	2	
8				"	E.S.E.	2			30-04	80	66	63		"	"	2	
9				"	"	1			30-07	78	65	63		"	"	5	
10				"	N.E.	1			30-07	74	65	62		"	"	4	
11				"	"	1			30-07	72	64	62		"	"	4	
Mid.				"	S.E.	1			30-07	70	63	62		"	"	4	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, September 29, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Gentle breeze from N.N.W. to N.W. by N. During last hour observed the loom of a distant fire bearing W. S. W.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Gentle breeze from N.W. by N. and N.N.W. - Made routine signals at 7.00 as per signal record

C. M. Stone
Ensign U.S.N.

8 A.M. to Meridian.
Fair Gentle to light breeze from N.W. to W.N.W. At 9.30 mustered at quarters. At 9.35 made 2424 and called away boat squadrons for exercise. All boats ready at 9.39. At 10.30 hoisted General Recall. At 10.44 went to fire quarters. Times as follows - 1st stream 1 m.; 2d stream 1 m 03 sec.; 3d stream 1 m. 15 sec.; 4th stream 1 m 20 sec.; - At 10.45 made 520. At 10.47 called all hands "Abandon Ship" and completed manoeuvre in 9 m. - Yantic made routine signals as per record.

W. O. Bulmer
Ensign U.S.N.

Meridian to 4 P.M.
Lowering weather - Cloudy and hazy. Light airs from N.W. to West. At 1.03 made signal 2447 and called "Arm and Away all boats": times as follows - Steam Launch reported ready 7 min.; Sailing Launch, 10 m.; = 1st Cutter 4 m 10 s.; = 2d Cutter 4 m 15 s.; = Whale Boat 4 m.; = Gig 6 m 10 sec.; Our boats and those of the Yantic were inspected alongside. Inspected the wet gun cotton.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy. Gentle breeze from the South to E.N.E. Distilling. At 5.45 mustered at quarters.

W. O. Bulmer
Ensign U.S.N.

8 P.M. to Midnight
Hazy. Sky clearing. Light airs from E.N.E. to N.E. until 11.00 when they shifted to S.E.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Colonia. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	Calm	0			30-07	69	62	60		b.c.	cir. cum.	6	
2				South	"	0			30-08	69	62	61		o.c.	"	0	
3				W by N.	South.	3			30-09	67	62	61		b.c.	"	2	
4				N.W.	"	2			30-09	67	62	61		o.c.	"	0	
5				"	"	1			30-09	66	63	61		"	Cum. nim.	0	
6				"	N.NW.	1			30-10	64	62	61		o.c.p.	"	0	
7				N.W. by N.	"	1			30-12	64	62	61		"	"	0	
8				N.W. by W.	N.W.	1			30-14	70	62	61		o.c.m.	"	0	
9				W by N.	W by N.	1			30-14	71	63	62		b.c.	"	1	
10				W. by W.	"	2			30-14	70	62	61		"	"	1	
11				S.E. by S.	S.W.	2			30-14	69	63	62		"	"	2	
Noon.				SW	"	2			30 14	70	63	62		"	"	2	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 368 gallons.

Water distilled during the preceding 24 hours, 2442 "

Water remaining on hand fit for use at Noon, 30 40 "

Coal consumed during the preceding 24 hours, 1 tons 21 50 lbs.

Coal remaining on hand at Noon, 35 " 270 "

P. M.																	
1				N.W.	West.	2			30-17	72	62	61		b.c.	cir. cum.	2	
2				"	"	2			30-16	71	63	60		"	"	2	
3				N.W. by W.	"	2			30-15	72	64	61		"	"	3	
4				"	"	2			30-15	72	65	63		"	"	4	
5				N.W.	N.W.	1			30-15	72	65	63		"	"	4	
6				"	"	1			30-16	72	64	60		"	"	4	
7				"	"	2			30-17	74	63	60		"	"	4	
8				"	"	1			30-19	75	63	60		"	"	6	
9				S.E. by S.	S.S.W.	2			30-18	74	63	60		b.o.w.	"	6	
10				"	S.S.E.	3			30-18	72	63	59		"	cir. cum.	6	
11				S.E.	S.E.	3			30-19	69	60	57		"	"	6	
Mid.				"	"	4			30-19	68	59	56		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday, September 30th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear first half hour with bright moonlight. Cloudy remainder of watch. Calm first two hours. Gentle to light breeze from South. Distilling.

W. H. Holmes
Lieut. U.S.N.

4 to 8 A.M.
Overcast and with passing showers. Light airs from the South to N.W. Cleaned forward bilges. At 6.20 a Uruguayan Gunboat came in and landed a small battalion of soldiers. Received in Pay Department 76 lbs. Bread and 95 lbs. each Beef and Vegetables. Distilling.

W. O. Stevens
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy. Light airs and breeze from W by N first part and from S.W. latter part. Engaged in repairing foretopsail and in scraping ships side. The Uruguayan Gunboat went up the river. The Commanding Officer adjudged the following punishments. Pihyee J. (Coal heaver) returning from liberty full. 2nd class 1 month. Petterson C.E. (Coxswain) Using vile language. Confinement 3 days bread and water. Mr Petterson was accordingly put in confinement on bread and water. The Yantic made signals as follows: 9.00 mum. O; 10.40 mum. 2; 12 numeral 9 4. Distilling.

H. Engr. L.W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Generally cloudy but pleasant. Light breeze from West. Private Quigley was given one hours exercise on deck without irons. Stopped distilling. Crew engaged in scraping and painting the ship out side.

W. H. Holmes
Lieut. U.S.N.

4 o'clock to 8 P.M.
Cloudy. Light airs and breezes from N.W. Engaged in scraping and painting ships side. At 5.45 mustered at quarters

H. Engr. L.W. Holman
Lieut. U.S.N.

8 P.M. to Midnight
Partly cloudy pleasant weather. Obscured moonlight. Light to moderate breeze from S.S.W. to S.E.

W. H. Holmes
Lieut. U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Colonia - Uruguay -

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	S.E.	4			30-21	66	59	56		b	none	10	
2				"	"	4			30-21	64	58	55		"	"	10	
3				"	"	4			30-21	64	57	55		"	"	10	
4				E.S.E.	E.S.E.	3			30-21	63	57	54		"	"	10	
5				E. by S.	E.N.E.	3			30-21	63	56	54		bc.	cir	9	
6				N.N.E.	"	3			30-22	58	53	51		"	"	9	
7				N.E.	"	3			30-23	61	55	52		"	"	9	
8				E.N.E.	"	3			30-24	68	56	52		"	"	9	
9				East.	"	2			30-25	70	59	54		bm	none	10	
10				S.E.	E.S.E.	2			30-25	69	60	54		"	"	10	
11				"	"	3			30-24	72	60	57		"	"	10	
Noon.				E.S.E.	"	3			30-24	74	60	57		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 328 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2712 "

Coal consumed during the preceding 24 hours, 1 tons 10 10 lbs.

Coal remaining on hand at Noon, 53 " 1505.

P. M.																	
1				S.W.	S.E. by E.	3			30-23	73	61	59		bc.	cir. cum.	9	
2				N.W. by N.	S.S.E.	3			30-21	71	65	62		"	"	9	
3				"	"	2			30-20	71	67	64		"	"	9	
4				"	"	2			30-18	71	70	66		"	"	9	
5				"	East	2			30-17	69	65	63		"	"	9	
6				N.N.W.	"	2			30-17	74	62	62		"	"	9	
7				North	"	2			30-17	73	62	61		"	"	9	
8				East	"	2			30-18	74	62	61		"	"	9	
9				E. by S.	E.N.E.	3			30-17	72	60	59		b	none	10	
10				S.E. by S.	"	4			30-17	68	57	56		"	"	10	
11				"	"	3			30-17	62	55	54		"	"	10	
Mid.				E. by S.	N.E.	4			30-17	60	54	53		"	"	10	

under the command of W. W. Mead Commander, U. S. Navy,
Saturday October 1, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 AM.
Clear and pleasant - barometer steady - moderate breeze from S.E.

N. J.T. Newton
Lieut. U.S.N.

4 o'clock to 8 AM.
Clear and pleasant - Gentle breeze from E.N.E. Engaged in scraping and painting ships side

H. Geo. F.W. Holman
Lieut. U.S.N.

8 AM. to Meridian
Clear and pleasant - Misty along the horizon Light to gentle breeze from E.N.E. to E.S.E. Finished scraping ships side. At 10.00 called all divisions to quarters and inspected clothing - Yantic made routine signals (Numerals). 0-2 and 94.

W. F. Arridson
Lieut. U.S.N.

Meridian to 4 PM
Bright and pleasant - barometer falling - gentle to light breeze from S.E. by E. and S.E.

N. J.T. Newton
Lieut. U.S.N.

4 to 8 PM
Clear and pleasant - Moon and starlight last hour - Light breeze from East - At 5.45 mustered at quarters - Received in Pay Department - 1 bale blue cap cloth; 1 bale woolen socks and 175 spools silk from U.S.S. Yantic

W. F. Arridson
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant - barometer steady - gentle to moderate breeze from E.N.E.

N. J.T. Newton
Lieut. U.S.N.

Examined and found to be correct.

M. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex — 3d Rate,
Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	TEMPERATURE. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				E.N.E.	N.E.	4			30-15		64	54	52	bc	cir.cum.	8	
1				N.N.E.	"	4			30-13		61	52	51	"	"	8	
2				N.N.W.	"	4			30-10		55	53	52	"	"	8	
3				N.W.by N.	"	3			30-08		54	52	52	"	"	8	
4				"	North	4			30-08		54	53	52	"	"	8	
5				"	"	4			30-09		54	52	52	"	"	8	
6				"	N.by E.	3			30-09		57	54	54	"	"	9	
7				"	"	3			30-13		70	58	57	bm.	none	10	
8				"	"	2			30-14		71	64	60	"	"	10	
9				"	"	2			30-14		70	66	60	"	"	10	
10				"	"	2			30-13		69	68	61	"	"	10	
11				"	"	1			30-13		72	69	63	"	"	10	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 316 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2396 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 52 " 2205

P. M.																	
1				W.N.W.	W. by W.	1			30-10		70	69	64	bm.	none	10	
2				N.W.	"	1			30-06		70	69	65	"	"	10	
3				"	S.E.	1			30-05		70	69	65	"	"	10	
4				W.N.W.	"	1			30-03		69	69	65	"	"	10	
5				"	E. by N.	2			30-03		70	70	66	"	"	10	
6				N.W.	E.N.E.	1			30-03		71	69	65	bc.	cir. cum.	8	
7				"	"	1			30-02		74	69	65	"	"	8	
8				N.N.W.	N.E.	2			30-02		74	67	64	bm.	none	10	
9				N.E.	North	2			30-02		73	67	62	"	"	10	
10				E.S.E.	"	3			30-02		71	64	59	"	"	10	
11				"	"	4			30-02		67	63	58	"	"	10	
Mid.				"	"	4			30-02		66	62	58	"	"	10	

under the command of W. W. Mead Commander, U. S. Navy,
Sunday, October 2, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Clear and fine. Moderate to gentle breeze from N.E.

W. Ry Mason 3rd.
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. Misty last hour. Moderate to gentle breeze from North to N.by.E. At 7 made time and uniform signals 3350, Des. 3962 and 6370. Yantic used. Received 95 lbs fresh meat, 95 lbs vegetables and 76 lbs. soft bread in Pay-Department for issue to crew.

W. [illegible]
Lieut U.S.N.

8 A.M. to Meridian.
Bright and pleasant. barometer steady - light breeze and light airs from N.by.E. At 9.30 quarters. Commanding Officer inspected ship and crew. Afterwards Articles for better Government of Navy were read, and general muster was held. Yantic made following routine signals - Numeral 0 - Numeral 2 - Numeral 4. This ship made general signal 6375.

J. J. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine, light airs from N.E. and S.E.

F. W. Ry Mason 3rd.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer steady - light airs and light breeze from E. - E.N.E. and N.E. At 5.45 mustered at quarters. At 6.30 a small Uruguayan gunboat came in and anchored.

J. J. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine. light to moderate breeze from N. Small Uruguayan Gunboat went out.

W. Ry Mason 3rd.
Ensign U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut, Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Colonia - Uruguay -

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	N.N.E.	4			30-00	67	62	57		b.	none	10	
2				East.	"	4			29-98	64	61	57		"	"	10	
3				N.N.E.	"	4			29-98	64	62	57		"	"	10	
4				N by E	"	5			29-98	64	61	57		"	"	10	
5				N.N.W	"	4			29-99	64	62	58		b.c.	cum	8	
6				"	"	4			29-99	63	61	58		b.c.m.	cir. cum	8	
7				"	"	4			29-99	64	61	58		"	cir. cum. Str.	7	
8				N W by N.	N by E	3-4			30-01	71	64	60		"	"	7	
9				N.N.W.	"	4			30-02	71	64			"	"	7	
10				"	"	4			30-02	72	65			"	"	7	
11				N.W by N.	"	4			30-02	72	67			"	"	8	
Noon.				"	North.	4			30-03	71	69			"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 360 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2056 "

Coal consumed during the preceding 24 hours, tons 5 lbs. 1740

Coal remaining on hand at Noon, 52 " 665

P. M.																
1				N.W by W.	N.W.	2			30-03	71	71	70		b.com.	cir. cum. Str.	9
2				West.	South	1			30-02	72	70	70		"	"	8
3				S.S.E.	"	1			30-01	72	69	71		"	"	8
4				S.E.	S.E.	1			30-00	72	68	66		"	"	8
5				S.E. by S.	"	1			30-01	72	70	69		"	"	8
6				N.W.	E.S.E.	1			30-01	72	71	68		"	"	4
7				"	"	1			30-01	74	71	69		"	"	4
8				"	E.N.E.	1			30-04	75	71	69		"	"	4
9				"	"	2			30-07	76	70	68		"	cir. cum	4
10				S.W.	South.	1			30-07	73	70	68		"	"	4
11				S.E.	S.E.	1			30-08	72	69	67		"	"	3
Mid.				S.E. by S.	S.W.	1			30-07	67	68	67		"	"	2

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, October 3rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced until 4 A.M.
Clear and pleasant - Moderate and stiff breezes from N.N.E.

C.E. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant - gentle to moderate breeze from N.N.E. and NE., Barometer steady - Made following uniform signals - 3350 - 3955 - 6375 - Yantic answered - Released C.F. Petterson (Col) by order of Commanding Officer, his term of confinement having expired -

J.T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and fine. Moderate breeze from NE and N. Sent battalion on shore for exercise. Made routine Signals. The U.S.S. Yantic landed her battalion, in obedience to orders, to exercise with ours.

W. Rodgers Field
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light breeze first hour from NW - light airs last three hours from S. to S.E. Battalion on shore for exercise - Commenced swinging to flood at 2. finished at 3.

C.K. de K. Leonard
Lieut. U.S.N.

4 to 8 P.M.
Clear then fair. Light airs from S.E. and E.S.E. The battalion returned from exercise - having spent the day on shore.

W. Rodgers Field.
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Light airs and breezes from E.N.E. South, S.E. and S.W.

C.E. Stone
Ensign U.S.N.

Examined and found to be correct.

C.K. de K. Leonard
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Colonia, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	Calm.	0			30-08	69	68	66		o.c.	nim.		
2				"	"	0			30-08	67	67	64		"	"		
3				"	N.N.W.	1			30-09	67	67	63		"	"		
4				"	"	1			30-10	66	66	63		"	"		
5				N.N.W.	W.N.W.	1			30-10	65	65	63		b.c.	ci. cum	7	
6				N.W by W.	West.	2			30-12	65	65	63		b.cm.	"	5	
7				"	South.	2			30-15	64	63	63		"	"	5	
8				W.N.W.	Calm	0			30-17	69	66	64		"		6	
9				N.W.	South.	1			30-18	71	67	65		b.m.	none	10	
10				"	S.S.W.	1			30-19	72	68	65		"	"	10	
11				W.N.W.	South.	1			30-19	71	68	64		"	"	10	
Noon.				"	"	1			30-19	72	68	64		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 344 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1692 "

Coal consumed during the preceding 24 hours, 1 tons 155 lbs.

Coal remaining on hand at Noon, 51 " 510

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
P. M.																	
1				S.E. by E.	S.E.	1			30-10	72	70	67		b.m.	none	10	
2				S.E.	S.E. by E.	2			30-10	70	69	66		"		10	
3				"	"	2			30-18	70	68	66		b.cm.	ci. cum	1	
4				S.E. by E.	E.S.E.	3			30-18	72	68	65		"	"	9	
5				E.S.E.	East.	3			30-19	72	68	64		"	"	9	
6				East.	"	2			30-19	72	67	64		"	"	9	
7				North.	"	2			30-20	74	65	63		"	"	9	
8				N.W. by N.	"	2			30-20	74	65	63		"	"	6	
9				N.N.W.	"	2			30-20	74	65	62		"	"	9	
10				N.W.	N.E.	1			30-20	73	65	62		b	none	10	
11				S.E.	S.E.	1			30-21	71	65	62		"		10	
Mid.				"	E. by E.	3			30-20	70	62	61		sq.	nim.	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday October 4, 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (and) until 4 A.M.
Overcast - Calm first part - Light airs from N.N.W. last part.

W.O. Bulmer
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant - Calm and variable light airs and breezes. Received in Pay Department 76 lbs soft bread 95 lbs beef and 95 lbs. vegetables. Made routine signals - Wigwag signals as per record.

W. Ry Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant - Light airs from South (and) S.S.W. At 9.30 mustered at quarters - painting ship outside. Board of Survey met on board for survey of articles in Equipment and Construction Department. Cantic made Signal - Numeral 0. at 9.00, and Numeral 2 at 10.00. Numeral 9 at 12.00

C.M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear. Light airs to gentle breeze from S.E. to E.S.E. to 1. made 9.14 to Cantic and landed Artillery for exercise. Painting Ship outside.

W.O. Bulmer
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - Light and gentle breeze from East. Artillery battery returned on board. At 5.45 mustered at quarters - Painting ship outside

C.M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear first three hours - foggy last hour; Light airs to gentle breeze from N.E. to S.E.

W.O. Bulmer
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-2605

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Colonia Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE.	E.S.E.	3			30-20	64	63	62		o.c. f.	Cumulus	0	
2				"	"	3			30-20	62	62	62		"	"	0	
3				"	"	3			30-19	62	62	61		"	"	0	
4				"	"	2			30-18	62	61	61		"	"	0	
5				SE. by S.	East	3			30-18	61	60	59		"	"	0	
6				N.N.W.	"	2			30-19	58	59	58		"	"	0	
7				N.W. by N.	"	3			30-20	61	54	54		"	"	0	
8				"	E.N.E.	2			30-22	66	57	54		h.o f.	"	3	
9				"	N.E.	2			30-23	70	62	56		h.o.w.	"	5	
10				N.N.	"	2			30-28	70	62	60		"	"	8	
11				[illegible]	S.W.	2			30-23	69	65	63		"	"	8	
Noon.				"	South.	2			30-21	67	65	63		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: { Latitude by D. R. ° ′ ″ ; Longitude by D. R. ° ′ ″ ; Latitude by observations of ⊙ ° ′ ″ ; Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Position at 8 P. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1330 "

Coal consumed during the preceding 24 hours, tons 1160 lbs.

Coal remaining on hand at Noon, 50 " 1590

P. M.																	
1				NW.	S.S.E.	1			30-18	67	65	63		o.c.	cir. str.	9	
2				West	SE.	2			30-16	67	66	64		"	"	8	
3				SE.	"	2			30-14	69	66	64		"	"	8	
4				"	"	1			30-12	70	66	65		"	"	6	
5				E. by S.	E.S.E.	2			30-10	70	67	65		"	"	4	
6				NE.	"	3			30-09	72	66	64		"	"	4	
7				N.N.E.	East	3			30-09	74	65	64		"	"	5	
8				N by E.	E.N.E.	3			30-09	74	64	65		o.c.	cir. cumulo	7	
9				N.W. by N.	"	2			30-10	74	66	65		o.c.	"	9	
10				"	"	1			30-10	71	66	65		"	"	10	
11				"	"	2			30-09	68	65	62		"	"	9	
Mid.				N. N.W.	N.E.	2			30-09	68	64	62		"	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday October 5, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Overcast. Foggy after 12.30. Gentle to light breeze from E.S.E.

Geo. L. Holman
Lieut. U.S.N.

4 to 8 A.M.
Overcast and foggy; - began to clear last hour. Light and gentle breezes from East and N.E. - Executed morning orders. Received in Pay Department 95 lbs fresh beef and vegetables and 76 lbs fresh bread.

C. M. Stone
Ensign U.S.N.

8 A.M. to Meridian.
Clear. Light breeze from N.E. to S.W. At 9.30 mustered at quarters and then exercised battalion. The Commanding Officer awarded the following punishments - Cole E. Private U.S. fighting reduced to 4th class 2 months; - Dougherty. P. Private U.S. fighting 4th class 1 month. - Painting Ship.

M.O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light airs and breezes from S.S.E. to S.E. Gave Private J. Quigley - one hours exercise on deck. At 1.00 made signal to Yantic 2373. At 2.23 Yantic made signal Int. 5040: Ansd affirmative.

Geo. L. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Light airs to light breeze from E.S.E. to N.E.

M.O. Hulme
Ensign, U.S.N.

8 P.M. to Midnight.
Clear and fine. Light breeze to light airs from E.S.E.

F. W. Raymond Field.
Ensign U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

4-365

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Colonia, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E	N.N.E	4			30-07	68	65	63		bc.	cir	9	
2				E.S.E	"	4			30-06	66	64	62		b.	nme	10	
3				S.E by E	"	4			30-06	64	64	62		"	"	10	
4				"	"	4			30-05	63	62	61		"	"	10	
5				E.S.E	"	4			30-05	63	62	61		bc.	str.	9	
6				E.N.E.	"	4			30-06	63	62	61		"	"	9	
7				N	"	4			30-07	64	63	61		"	"	9	
8				N.N.W.	"	4			30-09	70	66	63		"	cir cum	9	
9				N.W.by N.	"	4			30-11	73	69	65		"	"	8	
10				"	North.	3			30-11	71	72	67		"	"	8	
11				"	"	3			30-10	71	73	68		"	cir. cum/str.	7	
Noon.				"	N.N.W.	3			30-09	72	74	68		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 386 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 944 "

Coal consumed during the preceding 24 hours, tons 1350 lbs.

Coal remaining on hand at Noon, 50 " 240.

P. M.																	
1				W.N.W.	West.	2			30-08	72	73	71		bc.	cir cum/str.	7	
2				West.	W.S.W.	2			30-07	72	72	70		"	"	6	
3				S.E.	South	1			30-07	72	72	71		"	"	5	
4				"	"	1			30-07	72	72	71		"	"	5	
5				"	E.S.E.	1			30-07	72	72	70		"	"	5	
6				"	"	1			30-06	72	71	70		"	"	6	
7				N.E.	E.N.E	1			30-05	73	69	68		"	"	6	
8				N.N.W.	N.N.W.	2			30-08	72	67	66		bcl	"	6	
9				S.by W.	S.by E.	4			30-15	76	67	64		"	cir cum/nim	3	
10				"	S.S.E.	4			30-17	74	67	64		"	"	3	
11				S.W.	"	4			30-17	71	66	64		"	"	2	
Mid.				N.W. by N.	North.	3			30-18	69	67	64		o.c.	cum/nim.	0	

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday, October 6, 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 P.M.
Clear and pleasant. Moderate breeze from S.S.E.

H. Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Moderate N.N.E. breeze. At 8m firing party went to ranges.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Moderate to gentle breeze from N.N.E. hauling to N.N.W. At 9.30 went to general quarters; times as follows, - viz: 1st Division ready 1 m. 45 s; = 2d Division 1 m 58 s; = 3rd Division 1 m. 50 s.; = Navigators 1 m 20 s; = Powder 2 m; = Engineers, 1 m; = Marine Guard 55 s; = Pay Department - 52 s; = Surgeons 50 s; At 9.00 Yantic made signal Numeral 0; = at 10m Numeral 1; and at 12m numeral 93. The Quarterly Board of Survey condemned 36 lbs. of canned butter - of a lot received from the Dallapoosa and at their recommendation, - by order of the Commanding Officer it was thrown overboard.

H. Geo. L. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant, light breeze from W. to S. Yantic signalled Inter. 6183, and Inter. 4561. Answered, Affirmative - Took off mooring swivel and sent pail. Started distilling.

F. W. Ray Mason Field.
Ensign U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant - with fog bank in S.W. and a few flashes of distant lightning in S.W. last hour - Light airs from South to E.N.E. Hove up port anchor and hove in to 45 fathoms on starboard chain. Distilling.

H. Geo. L. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy - Moderate breeze from S. by E. and S.S.E.

F. W. Ray Mason Field.
Ensign U.S.N.

Examined and found to be correct.

A. K. Hamilton
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd **Rate,**

Colonia. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	S.E.	1-3			30.18	69	66	63		b.cp.	cum. nim	3	
2				"	"	2			30.18	69	65	63		b.cg.	"	5	
3				"	"	4			30.17	67	61	60		oc.	"	0	
4				S.E. by S.	"	4			30.17	66	60	59		"	"	0	
5				"	"	3-4			30.18	67	59	58		"	"	0	
6				S.E.	"	3			30.20	64	59	58		"	"	0	
7				"	"	3			30.23	69	58	57		"	"	0	
8					S.E. by S.	4			30.25	70	59	58		"	"	0	
9	3	1	3.1	S.S.E. ½ E.	E.S.E.	4			30.27	74	59	68		"	"	0	
10	7	1	10.2	"	"	4			30.30	75	60	58		"	"	0	
11				"	"	4			30.28	70	61	58		"	"	0	
Noon.				"	"	4			30.28	70	63	60		"	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 356 gallons.

Water distilled during the preceding 24 hours, 2456 "

Water remaining on hand fit for use at Noon, 2944 "

Coal consumed during the preceding 24 hours, 4 tons 2080 lbs.

Coal remaining on hand at Noon, 45 " 400 "

P. M.																	
1				N.N.E.	E.N.E.	4			30.28	71	63	60		bc	cir. cum	3	
2				"	"	4			30.25	70	63	60		"	"	2	
3				"	"	4			30.25	68	62	60		"	"	2	
4				"	"	4			30.25	68	62	59		"	"	2	
5				"	East.	3			30.25	66	60	57		o.c.	"	0	
6				"	"	2			30.24	66	58	56		"	"	0	
7				"	"	2			30.22	63	57	55		bc.	"	4	
8				"	"	1			30.22	62	57	55		"	"	7	
9				N.N.E. ½ E.	E.S.E.	1			30.22	61	57	55		"	"	6	
10				"	"	3-5			30.22	62	57	56		cg.	"	0	
11				"	East.	3-5			30.22	62	58	57		"	"	0	
Mid.				"	E.N.E.	3-5			30.22	63	58	57		"	"	0	

under the command of W. W. Mead Commander, U. S. Navy,
Friday October 7, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy or overcast— light to moderate breeze from S.E.— passing shower first hour— Started fires under two boilers at 3.00 A small steamer came in at 3.30.

J. T. Newton
Lieut. U. S. N.

4 o'clock to 8 A.M.
Overcast. Moderate to gentle breeze from S.E. to S.E. by S. At 6.40 the Yantic got underway and stood out bound for Buenos Aires. At 7.00 called all hands up anchor and at 7.06 got underway and stood out, under comm of the Commanding Officer, bound for Ensenada. Ships draft forward: 13', 3," amidships 14', 7" aft 15.11". Average steam 60; revolutions 33. At 6.30 Yantic made signal Dist. 4890. Answered, affirmative. At 7.30 hauled down senior Officer's pennant. Received in Pay Department for use of crew 76 lbs soft bread, 95 lbs. fresh beef and 95 lbs. vegetables.

Ensign W. Holman
Lieut. U. S. N.

8 A.M. to Meridian.
Overcast and cloudy. Moderate breeze from E.S.E. Took departure at 8.20 Farallon Light (mag) N by W. Colonia Lt. N.E. 3/4 N. Course S.S.E. 1/4 E. Past Log 0. Steaming under two boilers with fires lit under a third, getting up steam. Changed course to enter the port of Ensenada at 10.30. The Navigator conning the ship. Called all hands at 11.20 and at end of watch, steaming into port in tow of tug. Distilling.

W. R. Mason Jr.
Ensign U. S. N.

Meridian to 4 P.M.
Cloudy and pleasant. barometer falling slowly— moderate breeze from E.S.E. At 12.30 made fast to West side Gran Digue Ensenada. At 1.30 obtained pratique. Sent an Officer to call on the Captain of the Port. Secured ships. Hauled fires— leaving such as necessary to heat and distil. Stopped distilling. Ensigns Fulme and Stone left the ship with permission to be excused from quarters. Lieut Holman left the ship on leave of absence for 2 days. Draught forward— 13.7 aft 15.9. amidships 14.8. Exercised Private Quigley 1 hour.

J. T. Newton
Lieut. U. S. N.

4 to 8 P.M.
Overcast. Then cloudy, gentle to light breeze from East.

W. R. Mason Jr.
Ensign U. S. N.

8 P.M. to Midnight.
Cloudy or overcast. light airs to gentle breeze E.S.E. — S. and E.N.E. with moderate squalls. Barometer steady

Examined and found to be correct.

J. T. Newton
Lieut. U. S. N.
Navigator.

A-265

L. K. Lewis
Lieut. U. S. N.
Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Ensenada A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				N by E.	E.N.E.	4-5			30-20	63	59	58		o.c.q.	cir cum	0	
1				"	"	3-4			30-19	63	59	58		"	"	0	
2				"	"	3-4			30-17	63	59	58		"	"	0	
3				"	East.	2			30-17	63	59	58		o.c.	Cumul. nim.	0	
4				"	E.N.E.	3			30-15	63	58	57		o.c.m.	"	0	
5				"	"	3			30-14	62	58	57		o.c.	"	0	
6				"	"	3			30-13	62	59	58		"	"	0	
7				"	"	3			30-14	67	60	59		"	"	0	
8				"	N.E.	3			30-14	65	60	60		"	"	0	
9				"	"	2			30-13	65	62	61		"	"	0	
10				"	"	2			30-10	65	63	62		"	"	0	
11				"	E.N.E.	2			30-08	65	64	63		"	"	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head °

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 360 gallons.

Water distilled during the preceding 24 hours, 316. "

Water remaining on hand fit for use at Noon, 2800 "

Coal consumed during the preceding 24 hours, tons 1160 lbs.

Coal remaining on hand at Noon, 44 " 1480.

P. M.																	
1				N by E.	East	3			30-03	66	66	64		o.c.m.	cir cum	0	
2				"	E.S.E.	3			30-00	67	67	65		"	"	0	
3				"	S.E.	3			29-97	67	68	65		"	"	0	
4				"	"	3			29-96	67	67	65		"	"	0	
5				"	S.S.E.	3			29-96	67	66	65		o.c.s.t.l.	"	0	
6				"	E.S.E.	3			29-96	66	64	63		o.c.s.	"	0	
7				"	East	3			29-92	66	65	63		o.c.l.	"	0	
8				"	"	3			29-96	65	64	63		"	"	0	
9				"	South	2			29-96	64	63	62		o.c.s.	"	0	
10				"	"	2			29-96	64	63	62		"	"	0	
11				"	"	2			29-96	63	63	62		"	"	0	
Mid.				"	"	2			29-96	62	62	61		"	"	0	

under the command of W. W. Mead Commander, U. S. Navy,
Saturday October 8, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy - Moderate to light breeze from E.N.E. to East. Light squalls

W. Harden
Lieut. U.S.N.

4 to 8 A.M.
Overcast and cloudy, gentle breeze from E.N.E.

W. Ry Mason Field
Ensign. U.S.N.

8 A.M. to Meridian.
Overcast - barometer falling - gentle to light breeze from N.E. and E.N.E. Ensign Field left the ship on 3 days leave of absence - Lieut Curtis on two days - Ensign Stone returned on board -

J J Mueller
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy and misty: threatening rain last hour - Gentle breeze from East to S.E.

W. Harden
Lieut. U.S.N.

4 to 8 P.M.
Overcast - raining hard after 4.30 - at intervals - barometer falling - Gentle breeze from S.S.E. - E.S.E and E. Occasional lightning and thunder -

J J Mueller
Lieut. U.S.N.

8 P.M. to Midnight.
Overcast and raining throughout - Light breeze from South -

W. Harden
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut - Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, Ensenada, A.R. , 3d Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				N by E.	E.N.E.	1			29-94	63	62	61		o.c.p.	cum. nim.	0	
1				"	Calm	0			29-94	63	61	60		b.c.	"	4	
2				"	South.	1			29-94	62	61	60		"	"	2	
3				"	"	1			29-93	62	61	60		"	"	2	
4				"	"	2			29-94	61	61	60		o.c.	"	0	
5				"	"	2			29-95	60	60	59		o.c.m.	"	0	
6				"	"	2			29-97	60	60	59		o.c.f.	"	0	
7				"	"	2			29-98	60	60	59		o.c.m.	"	0	
8				"	"	2			30-00	65	62	60		"	"	0	
9				"	"	2			30-01	67	63	61		"	"	0	
10				"	"	2			30-03	69	63	61		"	"	0	
11				"	"	3			30-05	71	64	62		"	"	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: { Latitude by D. R. ° ′ ″ ; Longitude by D. R. ° ′ ″ ; Latitude by observations of ⊙ ° ′ ″ ; Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Position at 8 P. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 352 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2448 "

Coal consumed during the preceding 24 hours, tons 1160 lbs.

Coal remaining on hand at Noon, 44 " 320

P. M.				N by E.	South.	3			30-05	67	65	62		o.c.	cum. nim.	0	
1				"	"	2			30-04	69	66	63		b.c.	"	2	
2				"	"	2			30-04	67	67	64		"	"	3	
3				"	"	2			30-04	67	67	64		"	"	3	
4				"	"	1			30-03	69	67	65		"	"	4	
5				"	"	1			30-03	68	67	65		"	"	4	
6				"	Calm	0			30-03	68	67	65		"	"	5	
7				"	"	0			30-03	68	66	64		b	none	10	
8				"	"	0			30-02	67	65	63		"	"	10	
9				"	"	0			30-02	67	64	62		"	"	10	
10				"	"	0			30-02	65	63	61		b.c.	cir. cum.	9	
11				"	S.W.	1			30-02	65	61	59		"	"	8	
Mid.																	

under the command of W. W. Mead - Commander, U. S. Navy,
Sunday October 9, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy - with rain shower first hour. Calm to light airs from S.S.E. and South.

C. Ulstone
Ensign U.S.N.

4 to 8 A.M.
Overcast - misty or foggy after 5 - barometer rising - Light breeze from South - Received in Paty Department 95 lbs beef, 95 lbs vegetables, - 76 lbs bread

J. J. Meridan
Lieut. U.S.N.

8 A.M. to Meridan
Overcast and misty - Light to gentle breze from South - Sct 10.10 Commanding Officer inspected ship and crew. Thos Gibbons (sea) and M. J. Ober (Drummer) absent without leave. Fred Smith (Capt M.T.) - returned from liberty tight and by order of Commanding Officer was placed under sentrys charge until sober. Ensign W. C. Stulone U.S.N. returned from leave.

W. C. Stulone
Lieut, U.S.N.

Meridan to 4 P.M.
Cloudy. Light and gentle breezes from South - By order of Commanding Officer confined J. Quigley (O.M.) in double irons for safe keeping

C. Ulstone
Ensign U.S.N.

4 to 8 P.M.
Partly cloudy first part, clear latter part. Light airs and calm. Fred Smith C.T. was released from sentrys' charge by order Commanding Officer. Mustered at quarters at 5. & 5. Asst Newton left the ship on two days leave. M.J. Ober (Drummer) returned 9 hours overtime

W. C. Stulone
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Calm and light airs from S.W.

C. Ulstone
Ensign U.S.N.

Examined and found to be correct.

M. K. Lemly
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer Osceola, 3rd Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E	Calm	0			30-02	62	60	58		b.cum.	cir. cum	9	
2				"	"	0			30-01	62	58	56		"	"	9	
3				"	"	0			30-01	61	56	55		"	"	9	
4				"	"	0			29-99	60	56	54		"	"	9	
5				"	N.N.W.	1			29-98	59	55	53		"	str	9	
6				"	West.	2			29-99	59	53	51		b.c.m	"	9	
7				"	"	2			30-00	63	54	53		b.m.	none	10	
8				"	W.S.W.	3			30-01	63	58	56		b	"	10	
9				"	"	3			30-00	65	63	60		"	"	10	
10				"	S.W.	3			30-01	65	66	61		"	"	10	
11				"	"	4			30-02	66	68	63		"	"	10	
Noon.				"	"	4			30-01	68	71	65		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 361 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2087 "

Coal consumed during the preceding 24 hours, tons 11 60 lbs.

Coal remaining on hand at Noon, 43 " 1400 "

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
P. M.																	
1				W. by E	S.W.	3			30-02	70	70	65		b	none	10	
2				"	"	3			30-02	72	74	65		"	"	10	
3				"	"	3			30-02	72	74	66		"	"	10	
4				"	"	3			30-01	73	74	66		"	"	10	
5				"	W.S.W.	2			30-01	72	72	65		bc	cir cum	9	
6				"	"	2			30-01	71	71	66		"	"	9	
7				"	West.	1			30-01	69	68	64		"	"	9	
8				"	"	1			30-01	68	67	63		"	"	9	
9				"	Calm	0			30-02	68	66	62		b.m.	none	10	
10				"	"	0			30-03	67	64	60		"	"	10	
11				"	"	0			30-03	66	63	59		"	"	10	
Mid.				"	"	0			30-02	66	62	59		b.m.	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,

Monday, October 10, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Clear and calm.

W. O. Hulme
Ensign, U.S.N.

4 to 8 P.M.
Clear. Misty. Light airs to gentle breeze from N.N.W., to West and W.S.W. At 7.45 loosed sail to dry. Received 92½ lbs. fresh meat. 92½ lbs. vegetables and 74 lbs. soft bread in Pay Department.

W. O. Hulme
Lieut., U.S.N.

8 P.M. to Meridian.
Clear and pleasant. Gentle and moderate breezes from W.S.W. and S.W. At 10.10 mustered divisions at quarters, the following men were absent without leave. Gibbons Thos (Sea), Robinson J.C. (Ships Corporal); Hubbard W.J. (Private); Shields Thos (Private); Cronin J.V. (Oiler); McLain Danl (2 c.F.). Exercised companies as follows: Company artillery, 2d Company infantry. Lieut C.K. Curtis and Chief Engineer H.S. Rood returned from leave. Lieut Holman returned from leave.

W. O. Hulme
Ensign, U.S.N.

Meridian to 4 P.M.
Clear. Gentle S.W. breeze. At 1. furled sail. D. McLain (2d c.F.). returned on board 2 hrs 40 min. overtime. The following officers left the ship on leave, viz.- Lt Bleecker until the 12th - Ensign Stone until the 14th Paymaster H.K. Barry until the 13th and Asst. Engr. Rooster until the 13th.

W. O. Hulme
Ensign, U.S.N.

4 o'clock to 8 P.M.:
Clear and pleasant. Light airs and breezes from W.S.W. to West. At 5.45 mustered at quarters. Absentees F. Gibbons (Sea); J.C. Robinson (Ships Corporal); W.J. Hubbard (Private); T. Shields (Pvt.) and J.V. Cronin (Oiler).

H. Gurn. F.W. Holman
Lieut., U.S.N.

8 P.M. to Midnight.
Clear and calm.

W. O. Hulme
Ensign, U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut.-Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,

Ensenada, M.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				Nby E.	N.W.	1			30-01	64	61	58		fw	none	10	
1				"	"	1			30-12	63	60	57		"	"	10	
2				"	"	1			30-02	62	59	56		"	"	10	
3				"	"	1			30-02	62	58	55		"	"	10	
4				"	"	1			30-02	62	60	57		hc	ptr.	9	
5				"	Calm.	0			30-04	63	60	58		"	"	9	
6				"	"	0			30-05	63	62	60		"	"	9	
7				"	N.W.	1			30-05	64	65	62		"	"	9	
8				"	"	1			30-05	67	68	65		"	"	9	
9				"	"	1			30-06	69	69	65		"	"	9	
10				"	North	1			30-05	70	70	66		"	"	9	
11				"	"	2			30-05	71	71	66		"	"	9	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 357 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1730 "

Coal consumed during the preceding 24 hours, tons 1160 lbs.

Coal remaining on hand at Noon, 43 " 240.

P. M.				Nby E.	North.	2			30-04	71	73	67		fr	none	10	
1				"	"	1			30-04	71	74	68		"	"	10	
2				"	"	1			30-01	71	74	70		"	"	10	
3				"	"	1			30-00	71	74	70		"	"	10	
4				"	"	1			30-00	71	73	69		hc.	cir cum	8	
5				"	"	1			30-00	71	71	68		"	"	8	
6				"	N.E.	1			30-00	70	69	67		"	"	8	
7				"	"	2			30-00	71	69	67		hcl.	"	8	
8				"	"	2			30-00	70	69	66		"	"	8	
9				"	N.N.E.	2			30-00	68	68	64		"	"	8	
10				"	"	2			30-00	67	66	63		"	"	8	
11				"	"	1			30-00	66	67	64		"	"	9	
Mid.																	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday October 11th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant - Light airs from N. W.

Fwgn. Lt. Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear. Calm and very light airs from N.W.

F. Wilner
Lieut: U.S.N.

8 A.M. to Meridian
Clear. Light airs to light breeze from N.W. to the North-
At 10. 10 mustered at quarters. Absent without leave -
F. Gibbons (Sea) - J.C. Robinson (Ships Corporal) - W.J. Hubbard (Private)
Thos Shields (Private) - J.V. Connor (Oiler) - Exercised divisions
at great guns -
Ensign W.R.M. Field returned
from leave.

W.O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - Light airs and
breezes from North - Lieut Wilner went on
leave until Thursday - Sent a liberty party
ashore. The Commanding Officer paid an official visit
to the Captain of the Port.

Fwgn. Lt. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Light airs from the North to N.E. :

W.O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant - Light breeze from N.N.E.
Cloud bank in the East and S.E. with distant light
ning -

Fwgn. Lt. Holman
Lieut. U.S.N.

Examined and found to be correct.

M. K. Lurkin
Lieut - Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,
Ensenada. M.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E.	N.E.	1			30.00	66	66	65		b.c.	cir. cum.	6	
2				"	South.	2-4			30.00	66	66	64		b.c.g.l.	"	4	
3				"	"	2-4			30.00	64	64	63		"	"	2	
4				"	S.S.E.	3-5			30.03	63	64	62		"	"	2	
5				"	S.E.	3-5			30.03	61	61	60		"	"	4	
6				"	"	2-3			30.05	60	60	59		b.c.	"	2	
7				"	Variable.	1-3			30.10	60	61	60		b.c.	"	1	
8				"	East.	2			30.10	60	61	60		b.c.w.	cir. cum-nim	1	
9				"	"	3			30.10	64	64	62		b.c.	"	3	
10				"	E.S.E.	4			30.10	64	64	62		"	"	4	
11				"	"	3			30.10	65	65	63		"	cir. cum	3	
Noon.				"	"	3			30.10	65	65	63		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1362 ".

Coal consumed during the preceding 24 hours, tons 1 8 5 lbs.

Coal remaining on hand at Noon, 42 " 1395

P. M.																	
1				N. by E.	East	3			30.06	66	67	64		b.c.	cir. cum.	5	
2				"	"	3			30.05	66	67	64		"	"	4	
3				"	"	2			30.03	66	66	64		"	"	7	
4				"	"	3			30.03	67	67	64		"	"	7	
5				"	"	3			30.04	67	66	64		"	"	9	
6				"	"	2			30.04	66	64	63		"	"	9	
7				"	"	2			30.04	65	64	62		"	"	9	
8				"	"	1			30.04	65	62	60		fair	none	10	
9				"	"	3			30.03	65	62	60		l.c.w.	cir. cum.	8	
10				"	"	4			30.03	65	61	60		"	"	7	
11				"	"	4			30.03	64	61	60		"	"	8	
Mid.				"	"	3			30.02	64	61	60		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday October 12, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Fair, Then cloudy. with lightning from S.E. Light airs from N.E. shifting to S.E. and becoming stiff.

J. W. Ry Mean Todd
Ensign U.S.N.

4 to 8 A.M.
Cloudy. Third hour drizzling and heavy bank of clouds coming up to Sid, which afterwards passed over. Light airs to fresh breeze from the S.E. to the East. Got out quarter line. Received in Pay Department 71 lbs. bread and 88¾ lbs. each Vegetables and Beef.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy. Gentle to moderate breeze from East to S.E. At 9.30 mustered at quarters and had divisional drill. Absent without leave. Gibbons T. (Sea) = Robinson J. C. (Ships Corporal) = Shields Thos (Private) = Hubbard E. H. G. (Private) = Cronin J. (Oiler) = Scrogie F. (Print) = Enright J. F. (Private) = Feney J. K. (2.c.F.).

* Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine - gentle to light breeze from East. Sent liberty party on shore.

J. W. Ry Mean Todd.
Ensign U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Light airs and breezes from East. At 5.45 mustered at quarters - No further absentees -

* Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine -, gentle to moderate breeze from East - Private T. Shields, returned on board 60 hours overtime

J. W. Ry Mean Todd.
Ensign U.S.N.

Examined and found to be correct.

A. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Ensenada. M.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E.	East	2			30-00	64	61	60		b.c.w.	cir. cum.	7	
2				"	"	2			29-97	64	60	60		"	"	8	
3				"	N.E.	2			29-95	64	61	60		"	"	9	
4				"	"	2			29-95	64	61	60		"	"	9	
5				"	"	2			29-95	64	61	59		"	"	9	
6				"	"	2			29-95	64	61	59		b.c.	"	9	
7				"	"	3			29-95	64	63	60		"	"	9	
8				"	"	3-4			29-95	64	63	61		b.c.y.	"	8	
9				"	"	3			29-94	63	63	61		b.c.	"	9	
10				"	"	3			29-91	65	63	61		"	"	9	
11				"	N.N.E.	3			29-91	70	68	65		b	nimbus	10	
Noon.					N.E.	3			29-87	70	68	65		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: { Latitude by D. R. ° ′ ″ ; Longitude by D. R. ° ′ ″ ; Latitude by observations of ⊙ ° ′ ″ ; Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Position at 8 P. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 312 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1050 "

Coal consumed during the preceding 24 hours, tons 1300 lbs.

Coal remaining on hand at Noon, 42 " 95

P. M.																	
1				N by E.	N.E.	3			29-82	70	70	67		b.c.	cir. cum.	9	
2				"	E.N.E.	3			29-80	71	71	69		"	"	9	
3				"	"	3			29-80	70	71	69			"	9	
4				"	"	3			29-80	70	70	69			"	9	
5				"	"	2			29-80	71	71	70			"	5	
6				"	East	2			29-80	71	69	69			"	7	
7				"	S.E.	1			29-80	73	69	68			"	8	
8				"	"	1			29-80	74	68	67		b.c.w.	"	8	
9				"	"	1			29-80	74	67	66		o.c.m.w.	cum.	0	
10				"	S.S.W.	3			29-80	73	67	66		"	"	0	
11				"	"	3			29-80	68	66	65		b.c.m.w.	cum/nim.	4	
Mid.				"	"	3			29-79	67	66	63		"	-	2	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday October 13., 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Clear and pleasant - barometer falling slowly - Light breeze from E. and N.E.

N. J.T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant - Light to gentle breeze from N.E. with moderate squalls last hour.

H. Geo. Lt. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and fine - gentle breeze from N.E. and N.N.E.,
Exercised at general quarters - times as follows -
1st Division - 2 m. 25 s; = 2nd Division 2 m. 30 s; = 3rd Division 2 m. 15 s; = Navigators 1 m; = Powder - 2 m 22 s; = Engineers 2 m 35 s; = Marine Guard - 45 s; = Pay Department - 1 m -; = Surgeons 2 m; — Absent without leave, - Gibbons T. (Seaman) = Robinson J.C. (S. Corporal); = Hubbard W.J. (Private) = Cronin J.S. (Oiler) = Enright J.F. (Ct.); = Sergeant (C.S.); = Teneyck C.K. (2.c.F.) = Hand Peter (W.F.) - The Commanding Officer adjudged the following punishments - viz; Cunningham J.D. (Ord. Sea.) drunk from liberty 4th class 2 months and $2.50 = Monthly Money; = McSweeney Ed. (W.F.) fight from liberty - 4th class 3 months and $2.50 = Monthly Money; = Smith Fred (Capt Top) - fight from liberty = 4th class 2 months and $2.50 Monthly Money; = Shields T. (Private) 60 hours overtime, = 4th class 3 months and $2.50 Monthly Money; = Ober M.J. (Drummer) 9 hours overtime 2nd class 1 month; = McLain D. (2.c.F.) 2 hours 40 m. overtime 2nd class 1 month.

J.W. Ry Mann Field
Ensign U.S.N.

Meridian to 4 P.M.
Bright and pleasant - barometer falling and low - gentle breeze from N.E. and E.N.E. 3rd Company was drilled at setting up - Pioneers, as infantry = Commenced distilling -

N J.T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear and fine, light breeze to light airs from E.N.E. and S.E. Distilling -

J.W. Ry Mann Field
Ensign U.S.N.

8 P.M. to Midnight
Overcast - misty - light airs to moderate breeze from S.S.W. Barometer steady -

S. J.T. Newton
Lieut. U.S.N.

Examined and found to be correct.

G.K. Lemly
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 35 Rate,

Ensenada. A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				N by E.	S.E.	3			29-77	65	65	65		o.c.	cum/nim	0	
1				"	S.W.	3-4			29-79	64	64	63		o.c.g.d.	"	0	
2				"	"	3-4			29-79	63	64	63		o.c.g.l.d.	"	0	
3				"	"	3			29-79	63	63	62		o.c.l.	"	0	
4				"	"	3			29-80	63	63	62		l.c.	"	0	
5				"	"	3-4			29-80	62	62	61		o.c.g.m	nim.	0	
6				"	"	3-5			29-82	60	60	59		"	"	0	
7				"	"	3-5			29-84	68	59	58		l.c.g	cum. nim.	1	
8				"	"	3-5			29-85	70	60	58		"	"	6	
9				"	"	3 5			29-87	71	63	60		"	"	5	
10				"	"	3-5			29-87	70	65	61		"	"	6	
11				"	"	3-4			29-87	71	66	62		"	"	6	
Noon.																	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 298 gallons.

Water distilled during the preceding 24 hours, 2288 "

Water remaining on hand fit for use at Noon, 3040 "

Coal consumed during the preceding 24 hours, 1 tons 1660 lbs.

Coal remaining on hand at Noon, 40 " 675

P. M.																	
1				N by E.	S.W.	3-5			29-86	71	66	62		l.c.g.	cir. cum	6	
2				"	"	3-5			29-88	71	67	63		"	"	6	
3				"	"	3-5			29-87	71	69	65		"	"	6	
4				"	W.S.W.	3-5			29-87	72	68	65		"	"	6	
5				"	"	4			29-87	70	67	65		"	"	8	
6				"	"	3			29-87	70	67	65		"	"	7	
7				"	"	2			29-88	73	65	64		"	"	7	
8				"	"	1			29-87	72	63	62		"	"	9	
9				"	Calm.	0			29-91	76	62	61		l.c.	none	10	
10				"	"	0			29-91	72	62	59		"	"	10	
11				"	"	0			29-91	68	58	56		"	"	10	
Mid.				"	West	1			29-91	67	57	55		"	"	10	

under the command of W. W. Mead. Commander, U. S. Navy,
Friday, October 14th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Cloudy with occasional light passing showers. Gentle breeze from S.E. shifting to S.W. with light squalls. Distilling. F. Scrogie (Ord Sea), returned from liberty. 38 hours overtime.

W. J. Harris
Lieut. U.S.N.

4 to 8 A.M.
Overcast and misty first part then clearing. Gentle to stiff breeze from S.W. Received in Pay Department. 68 lbs. soft bread, 85 lbs. fresh beef and 85 lbs. vegetables.

W. Ry Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy and pleasant. barometer rising. gentle breeze from S.W. with moderate squalls. At 10.10 quarters, = absentees, Gibbons Thos (Sea) = Robinson J.C. (Ships Corporal) = Hubbard W.G. (Private) = Cronin J.V. (Orler) = Enright J.F. (Ct) = Teney K.C.K. (2.c.F.) = Hand Peter, (Water Tender) = Sahlen C. (Ct) = McCarthy M. (Ct). 3rd Company were drilled as Artillery Pioneers as Infantry. Transferred D. Parker (Lds) to the U.S.S. Yantic previous to being sent home on recommendation of Board of Survey. Received in Construction and Repair Department. 30 gallons linseed oil, 1 gallon Japan dryers, 16 gallons turpentine. Chas Sahlen (Ct), and M. McCarthy (Ct) returned on board.

N. J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Partly cloudy pleasant weather. Gentle breeze from S.W. with frequent light squalls. Shifted position along the dock to make room for a steamer astern; while working chain Nicholas Lear (B. Mate) had his foot badly bruised by getting it caught in the stream chain as it rendered round the bit. Jas Quigley (Private M.C.) was given one hours exercise without leave by order of Commanding Officer.

W. [illegible]
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. barometer steady. moderate to light breeze from W.S.W. Quarters at 5.45. no additional absentees.

N. J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and calm. Bright starlight. Heavy dew.

W. [illegible]
Lieut. U.S.N.

Examined and found to be correct.

L. K. Jenkins
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd. Rate,

Ensenada, M.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				N. by E.	Calm.	0			29-91	66	55	55		bw.	none	10	
1				"	"	0			29-91	65	56	55		"	"	10	
2				"	"	0			29-91	64	55	54		"	"	10	
3				"	West.	1			29-91	62	54	53		"	"	10	
4				"	"	1			29-95	57	53	52		bcw	cum.	9	
5				"	"	1			30-00	58	55	54		bc.	"	9	
6				"	"	1			30-01	58	56	56		"	cir. cum	8	
7				"	SE.	1			30-04	64	60	59		"	"	9	
8				"	S.S.E.	1			30-08	68	66	62		"	"	9	
9				"	S.E.	1			30-09	68	70	66		"	"	9	
10				"	N.N.E.	2			30-09	68	69	66		"	"	9	
11				"	"	2			30-09	69	70	67		"	"	9	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 330 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2710 "

Coal consumed during the preceding 24 hours, tons 2200 lbs.

Coal remaining on hand at Noon, 39 " 715.

P. M.																	
1				N. by E	N.N.E.	1			30-11	70	70	65		bc.	cir. cum.	9	
2				"	NE.	1			30-11	70	70	64		"	"	9	
3				"	"	2			30-11	70	69	64		"	"	9	
4				"	"	2			30-11	70	69	64		"	"	9	
5				"	ENE	1			30-12	70	69	65		bc	none	10	
6				"	"	1			30-11	68	65	61		"	"	10	
7				"	"	1			30-12	71	63	60		"	"	10	
8				"	"	1			30-16	73	62	59		"	"	10	
9				"	SE.	1			30-19	72	60	57		"	"	10	
10				"	"	1			30-20	69	58	56		bw	"	10	
11				"	"	1			30-20	66	57	57		"	"	10	
Mid.				"	"	1			30-21	63	57	54		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, October 15, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Clear and pleasant. Calm and light airs from West.

C. M. Stone
Ensign, U.S.N.

4 to 8 A.M.
Clear and pleasant, - barometer rising - light airs from W. and S.E. Thos. Gibbons (Sea) returned on board 5 days - 4½ hours overtime.

N. J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs to light breeze from S.S.E. to S.E. and shifting to N.N.E.
J. C. Robinson (Ships Corporal) - W. J. Stubbard (Private) - J. L. Cronin (Oiler) - J. F. Enright (C.H.) - C. K. Jenejk (2. C.F.) - and Peter Hand (W.T.) absent without leave. engaged in blacking ship outside. J. B. Load (Private) - was transfered to the U.S.S. Gantic with his bag, hammock and necessary transfer papers.
Ensign W. O. Hulme (U.S.N.) returned from leave.

W. T. Arridson
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light airs and breezes from N.N.E. and N.E. Finished painting ships side. Received in Pay Department, 9 cases canned beef.

C. M. Stone
Ensign, U.S.N.

4 to 8 P.M.
Clear and pleasant. Bright starlight latter part. Light airs from E.N.E. Mustered at quarters at 5.45 - Same absentees - J. F. Enright (CH) returned on board 3 days - 9½ hours overtime - J. C. Robinson (Ships Corpnl) and J. V. Cronin (Oiler) returned on board 5 days - 10 hours overtime.

W. T. Arridson
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs from S.E. Peter Hand (WT) returned on board 58 hours overtime; - placed Peter Hand under sentry's charge by order of Commanding Officer.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Ensenada, B.C.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E.	Calm.	0			30-21	61	55	53		b.c.	none	10	
2				"	"	0			30-21	60	54	52		"	"	10	
3				"	East.	1			30-21	60	53	51		"	"	10	
4				"	E.S.E.	1			30-21	59	52	50		"	"	10	
5				"	East.	2			30-20	57	51	49		b.c.	cum	9	
6				"	"	2			30-21	57	51	49		b.	"	9	
7				"	E.N.E.	2			30-23	58	54	53		"	"	9	
8				"	"	2			30-26	70	61	58		"	"	9	
9				"	"	3			30-29	70	63	59		"	"	9	
10				"	"	3			30-30	72	65	62		b	none	10	
11				"	"	3			30-30	72	67	60		"	"	10	
Noon.				"	"	3			30-28	70	68	65		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 350 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2360 "

Coal consumed during the preceding 24 hours, tons 1000 lbs.

Coal remaining on hand at Noon, 38 " 1955.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
P. M.																	
1				N. by E.	E.N.E.	3			30-27	69	69	66		b.c.	none	10	
2				"	"	3			30-24	69	70	68		"	"	10	
3				"	"	4			30-20	70	70	68		b.c.	cir.cum	9	
4				"	"	4			30-20	69	68	67		"	"	8	
5				"	E.S.E.	4			30-20	72	67	66		b.	"	9	
6				"	"	5			30-19	72	64	62		"	"	7	
7				"	"	5			30-18	74	63	61		"	"	6	
8				"	East.	5			30-18	75	64	62		"	"	6	
9				"	E.N.E.	3-5			30-18	74	63	61		b.q.	none	10	
10				"	"	3-5			30-18	69	63	61		"	"	10	
11				"	N.E.	3-6			30-18	67	63	61		"	"	10	
Mid.				"	"	3-6			30-18	67	63	61		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Sunday, October 16, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Calm first part. Light airs from the East to E.S.E. last part.

W.O. Hulme
Ensign. U.S.N.

4 to 8 A.M.
Clear and pleasant. Light breeze from East to E.N.E. Very damp first hour. Peter Stand W.J. was released from sentry's charge by order of Commanding Officer. Received 86 1/4 lbs fresh meat, 86 1/4 lbs vegetables and 69 lbs soft bread in Pay Department for issue to crew.

W. [illegible]
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Gentle breeze from E.N.E. At 10.10 Commanding Officer inspected ship and crew at quarters. W.G. Hubbard (P.M.) was absent without leave Lieuts. G.F.W. Holman, J.W.B. Blecker and Ensign C.R.M. Field returned from leave. Placed J. Robinson (Ship's Corpl) under sentry's charge by order of Commanding Officer.

C.M.S. C.M. Stone
Ensign. U.S.N.

Meridian to 4 P.M.
Clear. Gentle to moderate breeze from E.N.E.

W.O. Hulme
Ensign. U.S.N.

4 to 8 P.M.
Clear and pleasant. Moderate and stiff breezes from S.E. At 5.45 mustered at quarters W.G. Hubbard (P.M.) absent. Received in Pay Department 92 1/2 lbs fresh beef and vegitables, and 74 lbs fresh bread. Bent light sails and secured battery for sea.

C.M. Stone
Ensign U.S.N.

8 P.M. to Midnight
Clear. Gentle to very fresh breeze in squalls from E.N.E. to N.E. W.G. Hubbard (P.M.) returned on board 6 days 9 1/2 hours over time.

W.O. Hulme
Ensign. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Ensenada. M.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E.	N.E.	5-7			30-18	66	62	60		b.a.g.	Cir. Cum. Nimb.	6	
2				"	"	5-7			30-16	65	62	60		"	"	6	
3				"	"	5-7			30-15	65	62	60		o.c.g.	Cum. nimb	0	
4				"	"	6-8			30-14	64	62	60		"	"	0	
5				"	N.E. by E	5-8			30-14	64	61	59		"	"	0	
6				"	E.N.E.	5-7			30-14	62	61	59		"	"	0	
7				"	"	5-7			30-14	63	61	60		b.c.g.	"	1	
8				"	"	5-7			30-14	70	62	60		"	"	1	
9				"	"	5-6			30-13	71	63	61		"	"	1	
10				"	"	4-6			30-12	69	63	61		"	"	1	
11				"	"	4-5			30-13	72	65	63		"	"	3	
Noon.				"	"	4-5			30-13	71	66	63		"	"	3	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 310 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2050 "

Coal consumed during the preceding 24 hours, tons 1000 lbs.

Coal remaining on hand at Noon, 38 " 955

P. M.																	
1				N by E.	E.N.E.	3			30-13	70	68	65		b.c.	cir. cum.	4	
2				"	"	3			30-12	72	70	67		"	"	4	
3				"	E by N.	3			30-10	72	70	67		"	"	5	
4				"	N.E. by E.	3-5			30-10	72	69	67		b.o.g.d.	Cir. Cum. Nim.	2	
5				"	"	4			30-10	72	69	67		b.o.g.fr.	"	3	
6				"	E.N.E.	4			30-10	72	66	64		b.o.g.	"	4	
7				"	"	4			30-10	72	66	65		"	"	4	
8				"	"	4-5			30-12	75	66	65		"	"	4	
9				"	East.	4			30-13	76	65	65		o.o.d.	nim.	0	
10				"	"	4			30-14	71	65	64		o.c.d.	"	0	
11				"	"	4			30-15	69	64	63		o.d.	"	0	
Mid.				"	"	4			30-15	68	63	62		"	"	0	

under the command of W. W. Mead Commander, U. S. Navy,
Monday October 17, 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (Q) until 4 A.M.
Clouding over from the N.E. Gentle to fresh breeze from N.E, with fresh squalls to squalls of force of moderate gales.

Jno. L. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy - Stiff breezes to moderate gales in squalls from N.E. by E and E.N.E. Barometer steady.

D. McClure
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy. Moderate to fresh breeze from E.N.E. At 9.30 mustered at quarters. Absent without leave T.C. Cunielly (Ldg.). Exercised 2d Company at Artillery and 3d Company at Infantry. Rove off new gear as follows. Jib down haul, fore topgallant purchase, fore reef tackles, main topsail halliards, main signal halliards, Afterfall of Sailing launch.

W. O. Hulbert
Ensign U.S.N.

Meridian to 4 P.M.
Fair until last half hour when rain clouds banked up in N.E, with squally appearances. Light drizzle last quarter hour. - Gentle breeze from E.N.E. to E by N. first three hours; - Last hour, gentle breeze from N.E. by E. with occasional stiff squalls. Exercised Private J. Quigley on deck one hour.

Jno. L. W. Holman
Lieut, U.S.N.

4 to 8 P.M.
Cloudy and squally. Moderate to stiff breeze from N.E. by E, to E.N.E. At 5.45 mustered at quarters. Absent without leave, T.C. Cunielly (Ldg).

W. O. Hulbert
Ensign U.S.N.

8 P.M. to Midnight.
Overcast - moderate breeze from East. Raining.

W. Bryan Hill
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut, Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Ensenada, B.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E.	E. N.E.	3-5			30-16	65	63	62		o.c.g.r.	nim	0	
2				"	"	3-5			30-16	65	63	62		"	"	0	
3				"	"	3-5			30-16	65	62	61		"	"	0	
4				"	"	3-6			30-15	65	62	61		"	"	0	
5				"	"	4-6			30-15	64	62	61		"	"	0	
6				"	"	4-6			30-18	64	62	61		o.c.g.d.	"	0	
7				E.N.E. ½ E	"	5-6			30-22	71	63	63		"	"	0	
8	0	9	0.9	"	"	5-6			30	23	68	63	62	o.c.g.m.	"	0	
9	1	5	8.5	"	E by N.	4			30	27	73	64	62	o.c.g.	"	0	
10	3	7 9	15.9	N E by E ½ E	"	5			30-28	73	63	61		"	"	0	
11	2	5 4 8	24.3	S E by E 3/8 E	East	6			30-28	73	63	61		o.c.m.	"	0	
Noon.	6	2 0	32.4	S E 3/8 S	"	7			30-26	71	62	61		"	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 360 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1690 "

Coal consumed during the preceding 24 hours, 5 tons 600 lbs.

Coal remaining on hand at Noon, 33 " 355 .

P. M.															
1	3 4	7 ½	40.5	S E 3/8 S.	East	6	30-25	71	62	60	o.a.m.	nim		0	
2	4	2	48-9	S. S. E 3/4 E. S. E 3/8 S.	"	6	30-24	72	62	60	"			0	
3	5	8	56.	E. N. E ½ E.	"	6	30-25	71	62	60	"			0	
4	3	1	62.6	N E. by E. ½ E.	"	5	30-24	70	61	59	"	"		0	
5	5	8	68.5	"	"	6	30-24	72	61	59	"	"		0	
6	6	0	74.0	"	"	6	30-26	70	60	59	"	"		0	
7	5	7	79.5	"	"	6	30-27	70	60	59	"	"		0	
8			84.3	"	"	6	30-28	74	60	59	"	"		0	
9				East.	"	5.6	30-32	74	60	59	o.a.m.q.	cum nim		0	
10				"	"	5-6	30-32	71	59	58	o.c.g.	cir cum nim		1	
11				"	"	5-6	30-32	69	59	58	o.c.g.m.	cumnim		0	
Mid.				"	"	5-6	30-31	68	59	58	"	"		0	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, October 18, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Overcast. Gentle to moderate breeze from E.N.E. with stiff to fresh squalls, with rain in the squalls. At 2.00 started fires under three boilers.

H. Gunz
Lieut. U.S.N.

4 to 8 A.M.
Overcast - raining first hour and drizzle remainder. Moderate to fresh breeze from E.N.E. At 6 prepared to unmoor - got out springs to opposite side of dock. At 5.00 Banked fires, and at 5.58 spread them again. At 6.06 tried engines. At 6.46 called all hands and unmoored ship, and stood out of docks. At 7.56 took departure from breakwater - Course E.N.E. 1/2 E. and put over patent log reading 0. Patent Log at end of watch 0.9 miles. Steam in three boilers. Steam 66 lbs. Average Revolutions 44.2 Speed by ground log 6.8.

W. O. Hulse
Ensign U.S.N.

8 A.M. to Meridian.
Overcast - Thick. Moderate to very fresh breeze from E by N. to East. Standing down the river bound for Montevideo, under comm of the Navigator. At 9.25 sighted Chico Lt. Ships ahead; Changed course to N.E. by E. 1/2 E., patent Log 11/2 - At 9.25 started fourth boiler for purpose of making horsepower records in Engineers Department - At 10.40 changed course S.E. by E 3/4 E., patent Log - 16 1/2 - At 11.16 changed course to S.E. 3/4 S., patent Log 26.5 - Average steam 68. Revolutions 46.6.

H. Gunz
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast and cloudy - Fresh breeze from East - Course SE 3/4 S. - At 1.00 changed course to S.S.E. 3/4 E. B.S.C. Patent Log 40.5 Sighted Imdio Pt - Light Ship at 1.00 and at 1.50 it bore abeam. Patent Log 47.2. At 1.30 changed course to S.E. 3/4 S. Patent Log 44.9 At 2.00 to S.E. 7/8 E. P.L. 48.9. - At 2.07 P.L. 50. changed course to E.N.E. 3/4 E. And at 3.30 to N.E. by E. 1/2 E. P.L. 60. At 4.00 hauled fires under B. boiler. Steaming at end of watch under three boilers. Av. steam 73 Av. revolutions - 54.

W. Ry Mason Jr.
Ensign U.S.N.

4 o'clock to 8 P.M.
Overcast. Misty. Fresh breeze from East. Steering a course N.E. by E. 1/2 E. At 4.30 set the jib and at 6 hauled it down. At 7.50 called all hands bring ship to anchor and let go the port anchor at 7.55 in 23 fm. of water, soft bottom veering 60 fathoms on the chain. Hauled in patent log reading 84.3 - Bearing of Cerro Lt. by reciprocal N.E. 1/4 N., distant 11 miles not visible. Average steam 68 - Revolutions 46.

H. Gunz
Lieut. U.S.N.

8 P.M. to Midnight
Generally overcast - Stiff to fresh breeze from East - Barometer steady -

W. Ry Mason Jr.
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis Navigator.
Lieut.

LOG of the UNITED STATES Steamer Essex 3.5 **Rate,**

At anchor in the River Plate.-

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East	East.	4			30.28	68	59	58		b.c.w.	cum. nim.	5	
2				"	"	4			30.25	67	58	57		"	"	7	
3				"	"	4			30.24	66	58	57		"	"	7	
4				E.N.E.	"	4			30.24	66	59	58		"	"	3	
5				N.E.	"	4			30.25	65	60	59		b.c.m.	"	1	
6				N.N.E.	"	4			30.26	65	60	59		"	"	1	
7				N.E. by N.	"	4			30.26	63	60	58		"	cr. cum. St.	1	
8				N.E. by E.	E. by N.	4-5			30.28	70	60	58		"	"	2	
9			84.3	"	"	5			30.29	72	60	58		"	"	2	
10	6	5	89.0	N.E. ½ E	"	5			30.28	70	60	59		"	"	2	
11	6	5	95.0	"	"	5			30.27	68	60	59		"	"	2	
Noon.			100.3	Standing in for Anchorage	"	5			30.25	67	61	60		"	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head °

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 370 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1320 "

Coal consumed during the preceding 24 hours, 8 tons 1860 lbs.

Coal remaining on hand at Noon, 24 " 735.

P. M.																	
1				East	East	4			30.25	74	62	60		o.c.g.m.	cum/nim	0	
2				"	"	4-5			30.21	71	62	59		b.c.g.m.	cir. cum.	2	
3				"	"	4.6			30.17	67	62	59		"	"	3	
4				"	"	4-6			30.16	66	61	59		"	"	3	
5				"	"	4.6			30.16	65	61	59		"	"	2	
6				"	"	4-6			30.15	65	60	59		"	"	2	
7				"	"	3-4			30.15	65	59	58		b.c.w.	"	2	
8				"	"	3			30.16	65	60	58		"	"	3	
9				"	E. by N.	3			30.18	64	60	59		"	"	6	
10				"	"	3			30.17	64	61	59		"	"	6	
11				"	"	2			30.17	64	61	59		"	"	6	
Mid.				E.S.E.	E.N.E.	2			30.17	64	60	59		"	"	6	

under the command of W. W. Mead, Commander, U. S. Navy,

Wednesday, October 19, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Generally clear - moderate breeze from East - barometer falling slowly -

N. J. T. Newton
Lieut. U. S. N.

4 o'clock to 8 A.M.

Cloudy - Hazy around horizon - Moderate to fresh breeze from East to E by N. Under banked fires -

H Jno T. Holman
Lieut. U. S. N.

8 A.M. to Meridian.

Cloudy, stiff breeze from E by N. At 8.45 began to heave in and at 9.08 got underway for Montevideo. Steaming under 3 boilers, P.L. 84.3 - Course N.E. ½ E. - At 11.40 called all hands bring ship to anchor and let go starboard anchor, veering to 45 fathoms. - At Noon P.L. 100.3, Bearings from anchorage - mag El Cerro N.W. by W. ¾ W. Chimney Piedras Pt. N. Ship's head E. by S. Draught of ship - aft 15.8 - forward 12.8 amidships 14.2 - Average steam 60 - Revolutions 46.9.

F. W. Rayl Mason Told.
Ensign U. S. N.

Meridian to 4 P.M.

Overcast or cloudy - barometer falling - moderate to fresh breeze from E. Boarding officers from the Italian gunboat Andrea Provana and the Spanish cruiser Colon visited the ship Transported sheet anchor to bill board - bent sheet chain. Hauled fires except under one boiler for distilling and heating -

N. J. T. Newton
Lieut. U. S. N.

4 to 8 P.M.

Cloudy - gentle to fresh breeze from East. Sent an officer to return calls made by the Colon and the Andrea Provana.

F. W. Rayl Mason Told.
Ensign U. S. N.

8 P.M. to Midnight.

Clear and pleasant - barometer steady - gentle to light breeze from S by W. and E. N.E.

N. J. T. Newton
Lieut. U. S. N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E	East.	2			30-17	64	60	59		o.c.	cum/nim	0	
2				N.N.E.	N.E.	4			30-17	64	61	59		"	"	0	
3				N. by E.	"	3			30-17	64	61	60		"	"	0	
4				"	"	2			30-17	64	62	60		"	"	0	
5				North	East.	3			30-17	64	61	60		"	"	0	
6				East.	"	3			30-17	61	60	59		o.c.m.	"	0	
7				E. by S.	"	3			30-17	63	60	59				0	
8				S.E. by E.	"	4			30-17	64	60	59		b.c.m.	cir. cum. nim	1	
9				"	"	3			30-18	67	60	60		o.c.d	"	0	
10				E. by S	"	3			30-18	70	62	60		"	"	0	
11				"	"	3			30-17	69	62	59		1.c.m.	"	0	
Noon.				East	"	3			30-16	70	63	61		b.c.	"	1	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 395 gallons.

Water distilled during the preceding 24 hours, 150 "

Water remaining on hand fit for use at Noon, 1075 "

Coal consumed during the preceding 24 hours, 1 tons 60 lbs.

Coal remaining on hand at Noon, 23 " 675

P. M.																	
1				E. by S.	East.	3			30-13	71	65	63		o.c.m	cir. cum.	0	
2				"	"	3			30-10	70	65	63		"	"	0	
3				"	"	3			30-08	69	64	63		o.c.m.d.	cum. nim.	0	
4				"	"	3			30-07	68	64	62		"	"	0	
5				East	"	3			30-08	68	64	62		"	"	0	
6				E.N.E.	"	3			30-08	68	64	62		o.c.f.	"	0	
7				East.	"	3			30-10	68	64	63		o.c.f.	"	0	
8				E. by N.	N.E.	3			30-11	68	64	63		"	"	0	
9				East.	"	3			30-10	68	64	63		o.c.m.	"	0	
10				"	"	3			30-10	65	63	62		o.c.d.	"	0	
11				E. by S.	"	3			30-09	65	63	62		"	"	0	
Mid.				"	"	3			30-08	65	63	62		o.c.m.	"	0	

under the command of W. W. Mead Commander, U. S. Navy,
Thursday October 20, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast and cloudy - Light to moderate breeze from East and N.E.

W. F. Wilson
Lieut U. S. N.

4 to 8 A.M.
Overcast Then clearing - gentle to moderate breeze from East - H.M.S Magpie came in and anchored.

F. W. Pg, Mason Field.
Ensign U.S.N.

8 AM to Meridian
Overcast - misty at times drizzling - gentle breeze from E. Barometer steady - At 9.30 general quarters. times as follows - viz; 1st Division ready, 2 mn. 30 s.; 2d Division, 2 mn. 10 s.; Third Division 2 mn 30 s.; Powder - 2 mn 50 s.; Engineers 55 s.; Marine Guard 50 s.; Pay Department - 2 mn.; Surgeons 2 mn, 40 s. J. Wilson (2. c. F) reported expiration of term of Enlistment - Sent an officer to U.S. Consulate to make the usual official visit; - U.S. Consul visited the ship - Boarding officer visited H.B.M. gunboat Magpie - Commanding Officer visited officially the Colon and the Andrea Provana. Commenced distilling - The Commanding Officer adjudged the following punishments viz: - Scraggie J (Ord Sea) 38 hours overtime - 4th class 3 months and $2.50 Monthly Money; - Gibbons H (Sea) 5 days 2½ hours overtime - 4th class 3 months and $2.50 Monthly Money; - Robinson J.C. (Ships Corpral) - 5 days 10 hours overtime; - 4th class 3 months and $2.50 Monthly Money; - Cronin J.V. (Oiler) - 5 days 10 hours overtime, 4th class 3 months and $2.50 Monthly Money; - Teney K. C. (2.c.F) - 3 days 10 hours overtime, 4th class 3 months and $2.50 Monthly Money; - Enright J (Coal Heaver) - 3 days 9½ hours overtime, 4th class 3 months and $2.50 Monthly Money; - Hand Peter (N.T) 2 days 10 hours overtime - 4th class 3 months and $2.50 Monthly Money; - Hubbard W.J (Private) - 6 days 9½ hours overtime - 4th class 3 months and $2.50 Monthly Money. - Absent T.C. Cunielly (Lds)

J.T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy and misty with occasional light drizzle - Gentle breeze from East - An officer from H.B.M. Magpie returned boarding call Exercised 3rd Co Pioneers Distilling -

W. F. Wilson
Lieut. U.S.N.

4 to 8 P.M.
Overcast - raining after 6 - gentle breeze from East - At 5.45 quarters no additional absentees - Distilling -

J.T. Newton
Lieut. U.S.N.

8 to Midnight
Overcast and misty with light drizzle at times - Gentle breeze from N.E. - Distilling.

W. F. Wilson
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut, Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				East.	N.E.	3			30-07	65	63	62		o.c.m.	cum/nim	0	
1				"	East.	2			30-06	65	63	62		"	"	0	
2				"	"	2			30-04	65	63	62		o.c.m.w.	"	0	
3				"	"	2			30-03	64	62	61		"	"	0	
4				E.N.E.	"	1			30-03	65	62	61		o.c.r.	nim	0	
5				N.E.	E.N.E.	2			30-03	64	62	61		"	"	0	
6				E.N.E.	"	2			30-03	64	62	61		o.c.m.	"	0	
7				N.E. by E.	"	1			30-03	66	62	62		"	"	0	
8				E by S.	"	2			30-03	67	62	62		o.c.fd.	"	0	
9				"	"	2			30-02	67	64	63		"	"	0	
10				East.	"	2			29-99	67	62	62		"	"	0	
11				N.E. by E.	"	2			29-98	71	65	64		"	"	0	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water distilled during the preceding 24 hours, 2281 "

Water remaining on hand fit for use at Noon, 2944 "

Coal consumed during the preceding 24 hours, 1 tons 2150 lbs.

Coal remaining on hand at Noon, 21 " 765

P. M.																	
1				E by S.	East.	1			29-96	70	63	65		fair	cum/nim	2	
2				"	"	2			29-94	70	65	64		"	"	4	
3				N.N.E.	E.S.E.	2			29-91	68	63	62		"	cir cumc	4	
4				South.	"	2			29-90	67	61	60		"	"	4	
5				"	"	2			29-91	67	64	63		"	"	1	
6				"	"	1			29-88	67	62	62		fcd	cum. nim.	1	
7				S.S.W.	Calm	0			29-88	65	63	63		"	"	1	
8				South.	S.E.	1			29-88	65	65	64		fc.c.	"	5	
9				"	West.	1			29-87	65	65	64		"	cumc. nim	2	
10				S.S.E.	S.S.E.	1			29-87	68	65	65		o.c.	"	0	
11				South	"	1			29-87	67	65	65		fc	"	3	
Mid.				S.E.	S.E.	1			29-87	67	65	65		o.c.	"	0	

under the command of W. W. Mead Commander, U. S. Navy,

Friday October 21, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced (2nd) until 4 A.M.

Overcast cloudy and misty. Light and gentle breeze from East - and N.E. H.B.M.S. Basilisk came in and anchored

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.

Overcast - raining - light breeze - light airs from E. and E.N.E. Barometer steady - Received in Pay Department 74 lbs soft bread; 92½ lbs fresh beef - (2nd) 92½ lbs vegetables - T.C. Cunielly (Ldr) returned on board - Distilling.

J. J. Newton
Lieut. U.S.N.

8 A.M. to Meridian.

Overcast and foggy with drizzling rain. Light breeze from E.N.E. At 9.30 mustered at quarters and had fire quarters 1st stream in 1m; 2nd in 1m 40s (2nd) 3rd in 2m 05 sec.

T.C. Cunielly (Ldr), was confined in cell, for 5 days on bread (2nd) water by order of Commanding Officer, for absenting himself from the ship 3 days (2nd) 23 hours when sent on shore on duty -

Exchanged boarding calls with H.B.M. Basilisk. Commanding Officers of H.B.M. Magpie (2nd) Italian gunboat Andrea Provana paid official visits to this ship. Distilling -

F. A. Wrides
Lieut. U.S.N.

Meridian to 4 P.M.

Cloudy and misty - Light airs and breezes from East and E.S.E. Scraped spars. Gave J. Quigley (P.M.) one hours exercise. The Commanding Officer of the Spanish gunboat Christobal Colon called on board officially. Sent liberty party on shore. Stopped distilling -

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.

Overcast (2nd) misty with drizzling rain at times. Light breeze from E.S.E. and calm. At 5.45 mustered at quarters -

F. A. Wrides
Lieut U.S.N.

8 P.M. to Midnight.

Cloudy with lightning to N.E (2nd) W2, first hour. Light airs from West, S.E. (2nd) S.S.E.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

W. K. Mead
Lieut. Navigator.

4-965

LOG of the UNITED STATES

Steamer "Essex", 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	Calm	0			29-84	66	66	64		o c.	nim	0	
2				"	South.	1			29-83	66	66	63		o c d	"	0	
3				South.	"	1			29-82	65	65	64		o c N.	"	0	
4				"	"	2			29-82	64	64	63		"	"	0	
5				"	"	3			29-82	65	64	63		"	"	0	
6				"	"	3			29-84	64	63	62		o c. m.	"	0	
7				S by W.	S. S. W.	3			29-85	62	61	61		"	"	0	
8				South.	"	3			29-86	69	61	61		"	"	0	
9				"	"	3			29-86	67	61	60		"	"	0	
10				"	"	4			29-86	69	61	60		"	"	0	
11				"	"	3			29-86	69	62	60		"	"	0	
Noon.				"	S by W.	3			29-86	70	62	61		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 478 gallons.

Water distilled during the preceding 24 hours, 352. "

Water remaining on hand fit for use at Noon, 2752. "

Coal consumed during the preceding 24 hours, tons 1920 lbs.

Coal remaining on hand at Noon, 20 " 1085

P. M.																	
1				S. S. W.	S S W.	3			29-85	70	63	62		o. c. m.	nim.	0	
2				S W.	S W by S.	3			29-85	72	63	62		"	"	0	
3				S W by S.	"	3			29-85	71	62	61		o. C.	"	0	
4				S. S. W.	S. S W.	3			29-84	69	63	62		bc	cum. nim	2	
5				"	"	3			29-84	69	63	62		"	"	1	
6				"	"	3-4			29-84	67	63	62		"	"	4	
7				South.	"	4			29-83	65	62	61.		"	"	1	
8				S E.	South.	4-5			29-83	63	62	60		"	"	1	
9				S. S. E.	"	3-5			29-85	65	62	61		bc m. g.	"	4	
10				S E. by S.	"	3-6			29-84	65	62	61		o. c m. g.	"	0	
11				S. S E.	"	4-6			29-83	65	62	61		o. c m. g.	nim	0	
Mid.				South.	"	4-6			29-83	65	60	60		"	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, October 22, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commence and until 4 A. M.

Overcast - Drizzling and raining last three hours - Calm - Light airs to light breeze from the South.

W. O. Hulme
Ensign U. S. N.

4 to 8 A. M.

Overcast and misty with drizzling rain first hour. Gentle breeze from South to S. S. W.

J. Harrison
Lieut. U. S. N.

8 A. M. to Meridian -

Overcast cloudy and misty Gentle and moderate breezes from S. S. W. and S. by W. - An Uruguayan officer called on board and requested us to half-mast our Colors in memory of the death of General Savallija. Received on board in Medical Department - 650 gr. Acacia pulv; = 100 gr. Acid carbol cryst; = 2000 gr. Acid carbol Amp; = 200 gr. Acid citric; = 50 gr. Acid muriatic; 50 gr. Acid - nitric; = 400 gr. Aether spt. nitros; = 4000 Alcohol; = 200 gr. Alumen; 800 Ammon. pyro; = 100 Ammon. Spts. arom; = 30 Bismuth sub carb; = 300 Buchu Ext fluid; = 150 Camphor; = 500 Copaiba; = 2000 Cosmoline; = 1000 Glycerine; = 800 Glycyrrhiza Ext pulv; = 56 Hydrarg iod virid; = 600 Hydrarg Ammoniat; = 25 Iodinum; = 50 Iodoforme; = 10 Lini farini; = 1000 Magnes sulph; = 5 Morrhuolum; = 75 Pepsine; 1000 Opii tinct; = 2000 Opii tinct camp; = 150 Quin sulph; = 5 Ricinae oleum; = 500 Sapo; = 500 Scilla syrup; = 112 Sehegae ext fluid; = 1 sinapis pilo; = 1000 Sodii = = bicarb; = 700 Sodii boras; = 200 Sulphur sublim; = 15 Zinc carb prae; = 100 Capsules; = 360 Cascara Sag Ext fl; = 25 Antipirine; 2 syringes P. glass; = 3 syringes P rubber; = 2 lb cotton batting; = 2 lb cotton absorb; = 8 yard Muslin; = 6 pencils hair; = 50 corks bottle; = 150 Corks vial; = 75 Pill boxes; = 15 pill boxes wood; = 250 twine; = 3 Lead pencils; = 10 paper foolscap; = 100 Potass acetas; = 400 potass bromid; = 200 Potass chloras; = 500 Potass iodid. -

Cmdg. C. M. Stone
Ensign U. S. N.

Meridian to 4 P. M.

Overcast and misty. Clearing last hour. Gentle breeze from S. S. W. to S. W. by S. Commanding Officer made official visits to U. S. S. Basilisk and Magpie.

W. O. Hulme
Ensign U. S. N.

4 to 8 P. M.

Cloudy most of watch. Gentle to stiff breezes from S. S. W. and South. At 5. 4 5 mustered at quarters

Cmdg. C. M. Stone
Ensign U. S. N.

8 P. M. to Midnight.

Overcast misty, equally and wet - drizzling last hour. Gentle to fresh breeze from the South. Let go port anchor under foot.

W. O. Hulme
Ensign U. S. N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				South	South.	6-7			29-80	65	60	59		q.c.q.ds	cum.nim	0	
1				"	"	5-6			29-79	65	58	58		o.c.q.n.	"	0	
2				"	"	5-6			29-78	65	58	58		"	"	0	
3				"	"	4-5			29-78	65	58	58		"	"	0	
4				S. by E.	"	4-5			29-78	65	59	59		"	"	0	
5				"	"	3-4			29-80	65	59	59		b.c.m.	"	1	
6				S.S.E.	"	3-4			29-82	64	60	60		o.c.q.n.	"	0	
7				"	S.E. by S.	3-5			29-86	64	60	60		"	"	0	
8				"	S. S.E.	3-5			29-88	69	61	60		"	"	0	
9				"	"	3-4			29-91	71	61	61		o.c.q.	"	0	
10				S.E. by S.	S.E.	3-4			29-90	70	62	61		bam	"	1	
11				S.E.	"	3-4			29-92	69	63	62		"	"	2	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 388 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2364 "

Coal consumed during the preceding 24 hours, tons 1160 lbs.

Coal remaining on hand at Noon, 19 " 2165

P. M.																	
1				S.E. by E.	S.S.E.	3-5			29-93	72	63	62		s.c.m.q.	cum.nim		
2				S.E.	"	3-5			29-93	71	63	62		"	"		
3				S. by E.	"	3-5			29-93	67	62	61		"	"		
4				S.E.	"	3-5			29-93	69	63	61		b.c.q.m.	"		
5				"	"	3-5			29-93	68	62	61		o.c.q.m.	"		
6				S.E. by S.	"	3-5			29-92	69	62	61		"	"		
7				S.E.	"	3-5			29-92	69	61	60		b.cq.	"		
8				"	"	3-5			29-93	68	61	61		"	"		
9				"	"	4-5			29-94	67	61	60		b.c.lq.	"		
10				"	"	4-5			29-94	67	61	60		o.c.lq.	"		
11				"	"	4-5			29-93	67	61	60		o.c.q.	"		
Mid.				S.E. by S.	"	3-4			29-93	66	61	60		"	"		

under the command of W. H. Mead, Commander, U. S. Navy,
Sunday October 23, 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast. Raining, Stiff to moderate breeze with fresh to stiff squalls from South.

Ensign L. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy and misty. Light rain squalls last two hours. Gentle to stiff breezes from South and S.S.W. Received in by Department Executed morning orders 93 3/4 lbs fresh beef and vegetables and 75 lbs. fresh bread.

C. M. Stone
Ensign U. S. N.

8 A.M. to Meridian.
Generally overcast. Weather improving last two hours. Gentle to stiff breeze from S.S.E. to S.E. with occasional rain squalls. At 9.30 mustered at quarters.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Overcast first part. Cloudy last hour. Gentle breeze with stiff squalls from S.S.E. Sent a liberty party ashore.

H
Ensign L. W. Holman
Lieut. U. S. N.

4 to 8 P.M.
Overcast first part. Fair last part. Misty. Gentle to stiff breeze from S.S.E. At 5:45 mustered at quarters.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Fair then overcast. Moderate to stiff breeze from S.S.E.

W. R. Mason Hill.
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	S.S.E.	4			29-93	66	61	60		o.c. m.	cum. nim.	0	
2				"	"	4			29-93	66	61	60		"	"	0	
3				"	"	4			29-91	66	61	60		"	"	0	
4				S.S.E.	"	4			29-90	66	61	60		"	"	0	
5				"	"	4			29-90	66	61	60		"	"	0	
6				"	"	4			29-91	62	61	61		"	"	0	
7				"	S.E. by S.	4			29-91	62	60	60		"	"	0	
8				S.E. by E.	S.E.	4			29-92	67	60	60		"	"	0	
9				S.E.	"	3			29-95	69	61	60		"	"	0	
10				S.E. by E.	S.E. by E	3			29-97	69	62	61		o.c. m.d.	"	0	
11				"	"	3			29-97	69	62	61		"	"	0	
Noon.				S.E.	S.E.	3			29-97	72	63	61		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 556 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1008 "

Coal consumed during the preceding 24 hours, tons 1160 lbs.

Coal remaining on hand at Noon, 19 " 1005 "

P. M.																	
1				S.E.	S.E.	3			29-96	71	64	63		b.cum.	cum. nim.	2	
2				S.E. by E.	"	3			29-95	71	64	63		"	"	1	
3				"	"	3			29-95	71	63	62		"	"	4	
4				"	"	3			29-94	71	63	62		"	"	4	
5				S.E.	"	3			29-95	70	64	62		b.c.	cum.	4	
6				"	"	3			29-95	69	62	61		"	"	4	
7				"	"	3			29-94	69	63	60		"	"	5	
8				"	"	3			29-94	69	62	60		b.cum.	"	7	
9				S.E. by E.	E.S.E.	3			29-94	69	62	60		b.c.	none	10	
10				"	"	3			29-92	67	61	60		"	"	10	
11				S.E.	"	3			29-91	67	60	59		"	"	10	
Mid.				East.	East.	3			29-90	67	60	59		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday October 24, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast. Misty. Moderate breeze from S.S.E.

H. Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Overcast and very misty. Moderate breeze from S.S.E. to S.E. Received in Pay Department, 93¾ lbs each fresh beef and vegetables and 75 lbs. bread.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Overcast. Misty. Occasional very light drizzle. Gentle breeze from S.E. to S.E. by E. At 9.30 mustered at quarters and drilled the companies according to routine.

H Geo. L. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Fair and pleasant. Gentle breeze from S.E. Loosed all sails to dry.

F. W. Rayhanan Field
Ensign U.S.N.

4 o'clock to 8 P.M.
Cloudy to fair weather. Gentle breeze from S.E. At 4.30 furled sail. The Italian Torpedo Cruiser Dogali came in and anchored. Sent an officer aboard with usual compliments. Made preparations for coaling ship. Received aboard in Equipment Department from Bottini and Co., 17 gallons olive oil.

H Geo. L. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine. Gentle breeze from S.E. and E.S.E.

F. W. Rayhanan Field.
Ensign U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 3d Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East	East.	2			29-86	66	62	60		f.w.	none	10	
2				E.N.E.	"	2			29-85	66	62	60		b.c.w.	cum. nim	7	
3				"	E.N.E.	2			29-83	66	62	61		"	"	4	
4				N.E.	"	1			29-83	66	63	61		"	"	2	
5				N.N.E.	East	3			29-83	66	63	62		"	"	1	
6				N.E by E	"	3			29-83	64	63	61		b.c.m.	"	1	
7				N.E.	"	2			29-84	64	63	62		"	"	1	
8				E.N.E.	E.S.E.	2-3			29-84	63	64	62		"	"	1	
9				"	"	2			29-84	65	64	62		f.c.m.w.	"	0	
10				S.E.	"	2			29-83	69	64	62		b.c.	cir. cum	4	
11				S.S.E.	"	2			29-83	69	65	63		"	"	4	
Noon.				S.E.	"	2			29-82	70	65	63		o.c.m	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 512 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1296 "

Coal consumed during the preceding 24 hours, tons 10 05 lbs.

Coal remaining on hand at Noon, 150 " 1120

P. M.																	
1				S.E.	E.S.E.	3			29-82	72	66	64		f.c.w.	cum. nim	3	
2				S.E by E.	"	3			29-81	72	65	63		"	"	1	
3				E by S.	East.	3			29-78	73	65	63		"	"	3	
4				"	"	3			29-75	74	65	63		b.c.	cir. cum.	4	
5				East.	"	3			29-74	74	65	63		"	"	1	
6				E.N.E.	"	3			29-73	74	65	64		"	"	3	
7				N.E. by E.	"	3			29-73	74	66	64		"	"	2	
8				"	"	2			29-73	74	67	65		"	"	3	
9				"	"	3			29-73	72	66	64		"	"	4	
10				East.	E.N.E.	3			29-72	72	66	64		"	"	4	
11				S.E.	"	3			29-70	72	66	64		o.c.	cum. str.	1	
Mid.				E.S.E.	N.N.E.	3-5			29-68	72	65	63		b.c.g.	"	2	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday October 25. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. clouding over. barometer falling. light breeze and light airs from East and E.S.E.

N. J. T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.
Cloudy. Misty. Occasional sunshine. Light to gentle breezes from East to E.S.E. Coal lighter from Evans & Co. came alongside and we began coaling ship at 6 o'clock. Ships draft before coaling 12' 8"; amidships 14' 2"; aft 15' 8".

Geo. T. M. Holman
Lieut. U.S.N.

8 A.M. to Meridian
Overcast part of watch the remainder part cloudy. Light breeze from E.S.E. - Coaling during watch.

W. Ray Mason Field
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy and pleasant. barometer falling slowly. gentle breze from E.S.E and E. Finished coaling - having received 131 1/2 tons - Commenced distilling. Commanding Officer of the Italian cruiser Dogali visited the ship officially - H.B.M. cruiser Sirius came in - and anchored. fired national salute 21 guns Uruguayan flag at main - Fort on Lobos replied. An officer from this ship made usual landing visit.
Draught - 16.7 - aft - 15.1 - amidships - 13.7 forward.

N. J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Cloudy - Gentle breeze from East - Distilling.

W. Ray Mason Field
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy - overcast - gentle breeze from E. E.N.E. and N.N.E. Barometer falling slowly.

N. J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				Ebn. N.	N.E.	3			29-63	70	64	63		o. c. l.	cum. nim.	0	
2				East.	"	3			29-58	70	63	62		"	"	0	
3				Ebn. N.	"	3			29-56	69	63	62		"	"	0	
4				N.E.	"	3			29-51	69	63	62		o. c. r. l.	"	0	
5				"	"	2			29-51	69	63	62		o. c. r.	"	0	
6				N. by E.	"	2			29-50	68	63	62		"	"	0	
7				N.N.E.	"	2			29-46	65	62	61		o. c. r. g.	nim.	0	
8				"	"	2			29-44	64	62	62		"	"	0	
18/7 9				"	"	2			29-44	70	63	62		o. c. m.	"	0	
10				N.W.	N.N.W.	2			29-43	72	63	62		o. c. r.	"	0	
11				W.N.W.	NW	2			29-38	71	63	62		b. a. p.	cum. nim.	2	
Noon.				S.S.W.	"	1			29-35	71	65	63		b. c.	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at °, ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 570 gallons.

Water distilled during the preceding 24 hours, 2274 "

Water remaining on hand fit for use at Noon, 3000 "

Coal consumed during the preceding 24 hours, 1 tons 1105 lbs.

Coal remaining on hand at Noon, 149 " 15 "

P. M.																	
1				South.	S. S.W.	3			29-33	71	64	63		o. c.	cum. str.	0	
2				S.W. by S.	"	6-9			29-34	70	59	58		o. c. g. r.	cum. nim.	0	
3				S.W.	S.W.	6-9			29-34	74	58	56		"	"	0	
4				S.W. by W.	"	6-9			29-39	75	58	56		"	"	0	
5				S.W.	"	6-8			29-46	79	58	57		o. c. g. d.	"	0	
6				"	"	6-8			29-50	69	58	57		"	"	0	
7				"	"	6-9			29-52	72	58	56		"	"	0	
8				"	"	6-9			29-56	74	57	56		"	"	0	
9				"	"	6-8			29-62	73	57	55		"	"	0	
10				"	"	6-8			29-63	70	57	55		b. c. g.	"	4	
11				"	"	6-7			29-63	67	57	55		"	"	6	
Mid.				"	"	6-7			29-63	66	57	56		"	"	6	

under the command of W. W. Mead. Commander. , U. S. Navy,
Wednesday. October 26, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Overcast and cloudy with rain last hour. Lightning to N.W. and S.W. Gentle breeze from N.E. Barometer falling rapidly - Distilling

W. W. Mead
Lieut. U.S.N.

4 to 8 A.M.
Overcast - light breeze from N.E. An American steamer came in during the night. Received in Pay Department 75 lbs. bread, 93 3/4 lbs fresh beef and 93 3/4 lbs vegetables - Distilling

W. R. Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.
Overcast - raining first part - clearing latter - Barometer remarkably low and falling - At 9.30 quarters - no absentees. Released T. C. Cunielly (Eds), his term of confinement having expired. The Commanding Officer visited officially - the English cruiser Sirius and the Italian cruiser Dogali - The American steamer which arrived last night - proved to be the Alliança, 22 days from New York - Distilling -

W. J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast and cloudy with occasional drizzling rain. At about 1.30 a squall broke from the S.W. and increased rapidly to a strong gale with very frequent heavy squalls. Rough sea at end of watch - Hoisted steam cutter. Housed topgallant masts. Let go port anchor and veered 30 fathoms on each chain. Started fires under two boilers and spread fires under distilling boiler. J. Quigley. (Prt. M.C.) was given one hours exercise on deck, without irons, by order of Commanding Officer. Stopped distilling.

W. W. Mead
Lieut. U.S.N.

4 to 8 P.M.
Overcast - drizzling at times raining - barometer rising rapidly. Wind from S.W. with general force of strong gale but towards the end of watch with more frequent and longer lulls. Veered 30 fathoms on both chains. Got up steam under two boilers and banked fires.

W. J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy with drizzling rain first hour, clearing last three hours. Moon set at midnight. Fresh breeze to fresh gale from S.W. with frequent moderate squalls - Fires banked under three boilers

W. W. Mead
Lieut. U.S.N.

Examined and found to be correct.

G. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3d Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	S.W.	5			29-71	66	56	54		b.c.	cir. cum.	9	
2				"	"	5			29-71	66	56	55		"	"	9	
3				"	"	4			29-71	65	57	56		"	"	9	
4				W.S.W.	W.S.W.	3			29-72	65	57	56		"	"	9	
5				N.W.	N.W.	3			29-72	65	53	52		"	"	8	
6				W.N.W.	"	3			29-75	62	54	53		"	"	8	
7				West.	"	4			29-75	59	55	54		"	cir. cir.	8	
8				W.S.W.	W.S.W.	4-6			29-79	59	59	55		b.c. g.	"	9	
9				"	S.W. by W.	4-6			29-87	74	59	56		"	"	9	
10				S.W.	"	4			29-88	69	60	57		b	none	10	
11				"	"	4			29-90	72	60	57		"	"	10	
Noon.				"	W.S.W.	4			29-92	72	61	58		b.c.	cir. cir.	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 470 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2410 "

Coal consumed during the preceding 24 hours, / tons 320 lbs.

Coal remaining on hand at Noon, 145 " 865 .

P. M.																	
1				S.W. by W.	W.S.W.	7			29-93	70	62	59		b.c.	cir. cum.	8	
2				"	"	4			29-94	72	63	60		"	cir. cum.	7	
3				W.S.W.	"	4			29-94	71	63	60		"	"	6	
4				S.W. by W.	"	4			29-96	71	63	61		"	"	6	
5				W.S.W.	"	4			29-98	70	62	60		"	"	4	
6				"	"	3			29-99	68	61	56		"	"	3	
7				S.W. by W.	"	3			30-02	69	60	54		"	"	2	
8				"	"	3			30-06	72	60	54		o.c.	nim	0	
9				"	"	3			30-06	70	60	54		"	"	0	
10				"	"	3			30-06	69	61	56		b.c.	cir. cum.	2	
11				W.S.W.	West.	3			30-06	68	61	57		"	"	6	
Mid.				S.S.W.	"	2			30-06	67	61	60		"	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, October 27, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Gentle to fresh breezes from S.W. by W.

C.H. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear - clouding over - latter part - Wind from W.S.W. and W. by S., fresh to very fresh in force - and increasing at end of watch. The Dogali hoisted the quarantine flag - Hove in 30 fathoms on both chains. Barometer rising -

J.T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy with frequent drizzling rain squalls. Fresh breeze from W by S. to W.N.W. with a succession of moderate to heavy squalls - At 9:30 went to General Quarters - Times as follows - viz: - 1st Division ready in 2 minutes 20 seconds; 2nd Division, 2 minutes - 40 seconds; - 3rd Division, 2 minutes 35 seconds; - Navigator's, 1 minute 25 seconds; - Powder 2 minutes 10 seconds; - Engineers', 1 minute 10 seconds; Marine Guard 2 minutes; - Pay Department 20 seconds; - Surgeons - 25 seconds. Fires banked. H. Hansen (Sea) - reported the expiration of his term of enlistment

W. [redacted]
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy with passing rain squalls - Moderate to very fresh breezes from W.N.W. and W.S.W. Hove up port anchor and hove in to 45 fathoms starboard chain By order of Comdg Officer, discharged W. Walter (Sea) from this vessel and from the Naval Service.

C.H. Stone
Ensign U.S.N.

4 to 8 P.M.
Cloudy and stormy - Frequent light rain squalls. Gentle breze from W.SW. to S.W. with light to moderate squalls first part, freshening latter part with a succession of moderate to heavy squalls. Let go port anchor and veered 30 fathoms on both chains. 1st Cutter was unable to reach the ship and returned to the shore for shelter. Fires banked under three boilers

W. [redacted]
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy with light rain squalls first part clearing last part. Moderate breezes to strong gale from S.W. by S. and S.W. Veered 15 fathoms on both chains.

C.H. Stone
Ensign U.S.N.

Examined and found to be correct.

L.K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES "Steamer "Essex", 3rd Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.W.	N.W.	3			30-07	64	59	56		bc.	cir. cum	9	
2				S.W.	"	3			30-07	63	57	55		"	"	9	
3				S. by W.	"	3			30-06	62	56	54		"	"	9	
4				W.N.W.	N.NW.	4			30-06	61	54	52		"	"	9	
5				N.W. by N.	N.W. by N.	3			30-07	61	51	50		"	"	8	
6				N.W.	"	3			30-07	54	51	49		"	"	8	
7				N.NW.	"	3			30-08	56	53	51		"	"	8	
8				N.W.	N.W.	3			30-08	60	56	53		"	"	9	
9				W.N.W.	W.N.W.	3			30-07	65	55	54		"	"	9	
10				"	"	3			30-08	67	61	56		"	"	9	
11				West.	West.	4			30-08	69	62	57		"	"	8	
Noon.				"	"	5			30-08	70	63	58		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 620 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1790 "

Coal consumed during the preceding 24 hours, tons 850 lbs.

Coal remaining on hand at Noon, 144 " 1955

P. M.																	
1				S.W.	W.N.W.	4			30-08	72	66	60		bc	none	10	
2				"	W by N.	4			30-06	70	67	62		"	"	10	
3				West.	"	4			30-04	70	66	59		bc	cir. str.	9	
4				"	"	4			30-02	70	66	60		"	"	7	
5				"	West	4			30-01	69	66	61		"	"	7	
6				W by N.	W. by N.	4			30-00	69	65	61		"	"	7	
7					"	3			29-99	66	64	61		"	"	5	
8					West.	1			29-99	66	64	61		"	"	4	
9					"	1			29-99	68	64	61		"	"	4	
10				W.N.W.	"	1			29-99	68	64	61		"	"	6	
11				N.W. by N.	N.N.W.	1			29-98	69	63	61		bcm.	"	5	
Mid.				"	"	1			29-97	66	62	60		"	"	3	

under the command of W. W. Mead, Commander, U. S. Navy,

Friday, October 28, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Stiff to gentle breeze from S.W. to W.S.W.
At 3.15 hauled in drift lead. Fires banked in three boilers

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Weather clear and pleasant. Gentle to moderate breeze from N.W. first part, shifting to W.S.W. and increasing with moderate squalls. Hauled fires under two boilers, bank fires under one boiler. Hove up port anchor and in to 45 fathoms in starboard chain. Sent up topgallant masts and crossed topgallant yards. 1st Cutter returned, John Sliney (Sea) absent: he returned at 7.45 drunk and unfit for duty. Lowered Steam Cutter and hoisted her again at 7.45. Received 93¾ lbs. fresh meat, 93¾ lbs vegetables and 75 lbs. soft bread in Pay Department.

W. T. Arrison
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Moderate and fresh breezes from S.W. by W. and W.S.W. At 9.30 mustered at quarters and exercised divisions as follows: 1st Company Artillery drill, 3 Company infantry. J. J. Simonson (Sea) and J. Sliney (Sea) were placed under Sentry's charge in single irons by order of the Commanding Officer to remain until they become sober. Tested life buoys and found them in good order. Board of Survey met to survey articles in the Equipment and Construction Department

C. W. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear. Moderate breeze from W.S.W. At 1.30 exercised Marines, squad drill. Apprentices at signals. At 3.25 Italian Cruiser Dogali hauled down quarantine flag.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Cloudy. Gentle and moderate breezes from W.S.W. Sent down topgallant yards and unbent light sail.

C. W. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. first part, clear last part. Gentle to light breze from W.S.W. to the West.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

L. K. Lemon
Lieut. Navigator.

4-265

LOG of the UNITED STATES "Steamer Essex", 3d Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North.	NW.	2			29-94	65	62	59		bc.	cir str	4	
2				SSW.	NW.	2			29-94	64	60	58		bcm.	"	6	
3				SE.	North.	1			29-93	59	60	58		"	"	4	
4				"	NNE.	2			29-90	58	59	57		"	"	6	
5				NNE.	"	2			29-88	59	59	57		bc.	Cir Cum. str.	4	
6				North.	"	2			29-88	60	59	57		bcm.	"	3	
7				N by E.	"	2			29-84	63	62	59		bc.	"	4	
8				NNE.	NE by N.	3			29-84	64	62	59		"	"	1	
9				"	NNE.	3			29-84	70	65	60		"	"	1	
10				"	"	3			29-84	68	67	62		"	"	1	
11				North.	North.	3			29-77	69	69	63		"	"	3	
Noon.				"	"	3			29-76	69	71	65		"	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 408 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1382 "

Coal consumed during the preceding 24 hours, tons 1030 lbs.

Coal remaining on hand at Noon, 144 " 925.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
P. M.																	
1				North.	NNW.	3			29-72	69	71	66		o.c.m	Cum. mist	0	
2				SW.	SW.	2-4			29-71	68	67	65		o.c.r.l.t	"	0	
3				SE.	"	2			29-69	68	65	64		"	"	0	
4				East.	NNE.	1			29-64	68	64	63		bc.	"	2	
5				S by E.	NW.	2			29-64	67	66	64		"	"	5	
6				NE.	"	3			29-64	68	65	64		"	"	6	
7				WNW.	"	2			29-64	67	65	64		"	"	9	
8				"	W by N.	2			29-64	67	65	64		bw.	none	10	
9				NW by W.	West.	3			29-67	67	66	64		"	"	10	
10				WNW.	WNW.	2			29-68	68	66	64		"	"	10	
11				"	"	2			29-68	67	65	64		"	"	10	
Mid.				"	"	1			29-68	67	64	63		"	"	10	

under the command of W. W. Mead Commander, U. S. Navy,

Saturday October 29, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Quantil 4 A.M.

Clear and pleasant. Gentle to moderate breeze from N.W. to N.N.W. Fires banked under one boiler.

Geo. L. Colman
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Gentle breezes from N.W. by N. and N.W. Executed morning orders - Loosed sail to a bowline.

C. M. Stone
Ensign U.S.N.

8 A.M. to Meridian.

Clear. Gentle to stiff breeze from W.N.W. to the West - At 9.30 shortened sail to buntline and loosed light sails, awnings and boat sails to dry. At 11. furled sail. The Commanding Officer of H.M.S. Sirius, made an official visit to the ship. H.M.S Basilisk came out of dry dock and anchored on our port bow. Cleaned ship outside.

The Commanding Officer awarded the following punishments -

Simonson J. J. (Sea) Drunk on duty and using abusive language on board ship - Confinement 5 days, bread and water; 1st Class 3 months $2.50 Monthly Money = 1.

Sliney John (Sea) Drunk and unfit for duty - and using abusive language on board ship Confinement 5 days, bread and water 1st Class 3 months $2.50 Monthly Money. 1 - Simonson J. (Sea) was confined in obedience to orders. Fires banked under one boiler.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Moderate breeze from W.N.W. to W. by N. Sent a liberty party ashore. Inspected dry gun cotton.

Geo. L. Colman
Lieut. U.S.N.

4 to 8 P.M.

Fair. Moderate breeze to light airs from the West to W. by N. At 5.45 mustered at quarters.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.

Hazy - Fair to cloudy - Ring around the moon - Light airs from West to N.N.W.

Geo. L. Colman
Lieut. U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut, Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 5th Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	N.W.	2			29-67	67	62	61		bs.	none	10	
2				"	"	2			29-67	66	61	60		"	"	10	
3				W.S.W.	"	2			29-67	66	62	61		"	"	10	
4				W. by S.	"	2			29-68	65	62	61		"	"	10	
5				"	"	2			29-67	65	62	61		b.cm.	cum.	8	
6				S.E.	"	2			29-70	67	62	61		"	"	9	
7				S by W.	"	2			29-73	64	63	62		b.m.	none	10	
8				S.W. by W.	"	2			29-74	64	64	62		"	"	10	
9				"	"	1			29-75	66	67	64		"	"	10	
10				W. by S.	"	1			29-76	71	69	66		"	"	10	
11				West.	West.	1			29-76	72	71	65		"	"	10	
Noon.				W.S.W.	W.S.W.	1			29-75	73	73	70		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 470 gallons.

Water distilled during the preceding 24 hours, 230 "

Water remaining on hand fit for use at Noon, 1282 "

Coal consumed during the preceding 24 hours, 1 tons 230 lbs.

Coal remaining on hand at Noon, 143 " 695.

P. M.																	
1				W.S.W.	W.S.W.	1			29-75	71	70	68		b.m.	none	10	
2				South.	South.	1			29-73	72	71	68		"	"	10	
3				S.S.W.	N.W.	2			29-70	74	75	68		"	"	10	
4				"	"	4			29-69	76	76	69		"	"	10	
5				E.N.E.	North.	3			29-65	76	76	69		"	"	10	
6				North.	"	2			29-63	76	76	72		b.m.	cir. cum.	9	
7				"	"	2			29-63	75	75	70			"	8	
8				"	"	1			29-62	75	74	70		"	"	9	
9				"	"	1			29-64	73	73	70		"	"	8	
10				"	"	2			29-63	72	72	69		bc	"	6	
11				"	"	2			29-63	72	72	69		"	"	8	
Mid.				"	"	2			29-64	71	69	67		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,

Sunday, October 30, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M. Cloudy. Light breeze to light airs from N.W. to N.N.E.

W. Ry Mason Feld.
Ensign U.S.N.

4 to 8 A.M.
Cloudy. Light to gentle breeze from N.N.E. to N.E. by N. Received in Pay Department 75 lbs. Bread and 93 ¼ lbs each fresh beef and vegetables. Barometer falling.

W. E. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy. Gentle breeze from N.N.E. to North. At 9.30 the Commanding Officer inspected the ship and the crew at quarters. Absent J.S. Brown, Cabin Steward. Received from the Navy Department an order approving the sentence of the Summary Court Martial of August 11th 92 in the case of Private Jas. B. Nolan. The Andrea Rovana went out bound for Maldonado. J.S. Brown, Cabin Steward returned aboard.

Geo. F. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast and raining gentle breeze from N.W. shifting to S.W. Barometer falling. On account of the threatening indications of the weather the topgallant yards were sent down and the steam cutter hoisted. Two heavy rain squalls passed over during watch.

W. Ry Mason Feld.
Ensign U.S.N.

4 o'clock to 8 P.M.
Clearing. Light airs from N.N.E. hauling to N.W. in light to gentle breezes. At 5.45 mustered at quarters.

Geo. F. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine, gentle to light breeze from W. and W.N.W.

W. Ry Mason Feld.
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.W.	North.	2			29-65	70	68	66		bc	cir. cum	8	
2				"	West.	2			29-68	67	68	66		b.c.	"	5	
3				N.W.	S.W.	3			29-70	67	67	66		"	"	8	
4				S. by W.	South.	5			29-74	67	64	63		"	cum.	1	
5				South.	S.S.E.	4-5			29-76	68	62	60		bcw.	nim.	1	
6				S.S.E.	"	4-5			29-76	62	60	59		"	"	1	
7				S by E	"	3-4			29-76	63	61	60		"	"	1	
8				E.S.E. by E	East	1-3			29-79	65	61	60		"	cum nim	1	
9				S.W. by S.	S.S.W.	1			29-83	69	61	60		o.c.	nim	0	
10				W.S.W.	"	2			29-87	70	61	59		"	"	0	
11				"	W.S.W.	3			29-90	70	61	59		"	"	0	
Noon.				S.W.	S.W.	3-5			29-91	70	61	57		o.c.g.	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 564 gallons.

Water distilled during the preceding 24 hours, 2352 "

Water remaining on hand fit for use at Noon, 3070 "

Coal consumed during the preceding 24 hours, 1 tons 1440 lbs.

Coal remaining on hand at Noon, 141 " 1535

P. M.																	
1				S by W.	S.S.W.	3			29-92	72	61	58		c.c.	cum. nim	0	
2				South.	"	3			29-92	70	61	58		"	"	0	
3				"	"	3			29-92	70	61	59		"	"	0	
4				"	"	3			29-94	70	61	59		"	"	0	
5				"	S by W.	3			29-94	70	62	59		bc.	cir. cum. str.	4	
6				S by E.	"	3			29-95	69	62	58		"	cir. cum	6	
7				"	S by E.	3			29-96	67	61	58		"	"	6	
8				"	S.S.E.	3			29-98	66	60	58		"	"	7	
9				"	S.E.	3			29-98	65	60	58		"	"	9	
10				"	"	2			29-99	64	58	56		"	"	9	
11				"	"	3			30-01	63	57	55		"	"	9	
Mid.				"	"	2			30-02	63	56	54		b.c.p.	"	5	

under the command of W. K. Mead, Commander, U. S. Navy,
Monday, October 31, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant - barometer steady light airs from N. W.

J. T. Newton
Lieut. U. S. N.

4 o'clock to 8 A.M.
Pleasant - Hazy - Light breeze from N. W. Received for use of crew, 93 3/4 lbs. each of fresh beef and vegetables and 75 lbs. bread.

Geo. F. W. Holman
Lieut. U. S. N.

8 A.M. to Meridian.
Clear and fine. light airs from N.W. to W.S.W.
At 9.37 called away all boats, for fleet exercise under oars = Times as follows, viz; Steam Cutter ready - 2 m 15 s; = Sailing Launch 3 m 40 s; = 1st Cutter 2 m 45 s; = 2d Cutter 3 m; = Whale Boat 2 m 10 s; = Gig 2 m 05 sec; — The Commanding Officer adjudged the following punishments, viz; Shields T. (Private), Not obeying orders of Non Commissioned Officer - 3 days bread and water; = Bowman F. (Coal Heaver) Not obeying orders of Petty Officer - 3 days bread and water; = Fehon E. J. (S. App 1. class) 1 1/4 hours overtime - 2 weeks, 2d class.
Commenced distilling

W. R. Mason Asst.
Ensign U. S. N.

Meridian to 4 P.M.
Bright and pleasant - Wind at first from W.S.W. and S. veering to N.W. at 3 - force light to moderate - Barometer falling. - Ambient pail - preparatory to painting yards. Skyrus fired 7 guns on English Minister leaving.
Distilling

J. T. Newton
Lieut. U. S. N.

4 to 8 P.M.
Clear and fine - gentle breeze to light airs from N.
Distilling

W. R. Mason Asst.
Ensign U. S. N.

8 P.M. to Midnight.
Clear and pleasant - bright moonlight - light airs and light breeze from N. Barometer low and steady
Distilling.

J. T. Newton
Lieut. U. S. N.

Examined and found to be correct.

H. K. Newton
Lieut, Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	S.E.	2			30-03	62	57	55		b.c.	cir. str.	9	
2				S. by E.	"	1			30-04	62	58	56		b.	none	10	
3				E. by N.	North	2			30-05	59	58	56		"	"	10	
4				W. S.W.	"	2			30-03	59	56	55		"	"	10	
5				W. by S.	N.N.W.	3			30-06	59	55	54		b.c.	cum.	9	
6				West.	"	3			30-08	59	53	52		"	"	8	
7				N.W. by N.	N.W.	2			30-09	58	53	51		b.c.m.	"	8	
8				N.W. by W.	"	2			30-10	60	56	53		"	"	9	
9				West.	West.	3			30-10	62	59	53		"	cir. cum.	8	
10				"	W. by S.	4			30-10	63	60	56		"	"	8	
11				"	"	4			30-11	64	61	56		"	"	8	
Noon.				W. by S.	"	4			30-10	65	63	56		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 374 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2696 "

Coal consumed during the preceding 24 hours, tons 655 lbs.

Coal remaining on hand at Noon, 141 " 580

P. M.																	
1					W. by S.	W. by S.	4			30-11	69	65	57	b.c.	cir. cum.	8	
2					"	"	4			30-10	67	62	58	"	"	8	
3						West.	3			30-08	69	64	59	"	"	9	
4					S.W.	"	3			30-07	67	63	61	"	"	9	
5					S.S.E.	"	2			30-06	67	63	61	"	"	9	
6					S. by E.	W.N.W.	2			30-05	67	63	61	"	"	9	
7					S.E. by S.	N.W.	1			30-04	65	63	61	"	"	8	
8					N.N.E.	"	2			30-04	66	64	59	"	"	8	
9					North	"	3			30-04	66	61	57	"	"	8	
10					N. by W.	"	2			30-04	66	60	56	"	"	8	
11					N.N.W.	"	3			30-04	65	58	54	"	"	9	
Mid.					N. by W.	"	3			30-04	65	57	53	"	"	9	

under the command of W. W. Mead, Commander U. S. Navy,
Tuesday, November 1, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
First part clear and pleasant. latter part cloudy. Lightning to S.W. Light breeze from North first hour shifting to S.W. and West then to S.W. and South and increasing to a stiff breeze by end of watch Distilling

W. [illegible]
Lieut. U.S.N.

4 to 8 A.M.
Cloudy and light drizzle at times. Moderate to stiff breeze from S.S.E. hauling to East and becoming light.

W. Ray Madeira Field
Ensign U.S.N.

8 A.M. to Meridian.
Overcast. wind from S.S.W. W.S.W. and S.W. increasing from light airs to fresh breeze at end of watch. Barometer rising. At 9.30 Quarters. 1st Division, instruction #; 2nd Division singlesticks 3rd Division, instruction #; Powder stations;
The Board counted money in Paymasters hands. The small steamer anchored in Roads flying U.S. colors proved to be the John B. Jones of New York.

W. [illegible]
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy. Gentle breeze from S.S.W. Stopped distilling and banked fires.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Cloudy and pleasant. barometer rising slowly. Gentle breeze from Sby W, Sby E, and S.S.E. Quarters at 6.15. no absentees.

W. J. T. Newton
Lieut. U.S.

8 P.M. to Midnight.
Clear and pleasant until last half hour. Light passing rain shower at 11.3 0. Light to gentle breeze from S.E.

[illegible]
Lieut. U.S.N.

Examined and found to be correct.

A. K. Lamb
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North.	North.	2			30-04	64	57	53		bc.	cir. cum.	9	
2				"	"	2			30-04	64	55	53		"	"	9	
3				"	"	2			30-04	62	54	51		"	"	7	
4				N.N.W.	N.N.W.	2			30-04	62	54	51		"	"	8	
5				"	"	3			30-06	61	53	51		"	"	7	
6				N.W. by N.	"	3			30-07	56	53	51		"	"	6	
7				N.E. by N.	"	3			30-08	56	56	53		"	"	4	
8				South.		3			30-09	58	58	56		"	"	6	
9				S.S.W.	West.	3			30-11	60	61	58		"	"	6	
10				S.E.	S.E.	3			30-12	63	63	59		"	"	5	
11				"	"	3			30-14	64	62	59		"	"	5	
Noon.				S. by E.	"	3			30-14	65	62	58		"	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 370 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2326 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 141 " 480.

P. M.																	
1				S.S.E.	S.S.E.	3			30-14	65	61	57		bc.	cir. cum.	6	
2				S.E. by S.	S.E. by S.	3			30-13	67	60	57		"	"	5	
3				"	"	3			30-12	66	60	57		"	"	4	
4				"	S.E.	3			30-13	67	60	57		"	"	4	
5				"	"	2			30-13	68	60	57		"	"	6	
6				S.E.	East.	2			30-13	68	60	57		"	"	5	
7				"	"	2			30-12	64	60	57		"	"	8	
8				"	"	3			30-12	64	59	56		"	"	8	
9				E. by S.	"	3			30-13	64	58	56		"	"	9	
10				East	"	3			30-13	64	58	55		"	"	9	
11				"	"	3			30-13	64	58	55		"	"	9	
Mid.				"	"	3			30-14	64	57	55		F	none	10	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday, November 2, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 A.M.
Clear & pleasant. Light airs and breezes from S.E. and South.

C. M. Stone
Ensign. U.S.N.

4 to 8 A.M.
Bright and pleasant - barometer rising - light to gentle breeze from N.N.W. and N.W. Commenced painting spars. Received in Pay Department 75 lbs. soft bread - 93¾ lbs fresh beef - 93¾ lbs. vegetables. - 2 - ½ barrels flour. - Hauled fires.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant weather. Gentle to moderate breeze from West to W. by S. Crew engaged in painting spars.

F. Harris
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle and moderate breezes from W. by S. and West. Exercised J. Langley (boat) one hour. Finished painting spare.

C. M. Stone
Ensign. U.S.N.

4 to 8 P.M.
Clear and pleasant. Bright moonlight latter part. Light breeze to light airs from West to N.W. At 6.15 mustered at quarters -

F. Harris
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light and gentle breezes from N.W.

C. M. Stone
Ensign. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Erie, 2d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E. by E.	E.N.E.	4			30-13	64	57	55		b c.	cir. cum.	8	
2				N.E. by N.	"	4			30-12	64	56	54		"	"	8	
3				"	"	4			30-12	64	56	54		"	"	8	
4				N. by E.	N.E.	3			30-12	63	55	53		"	"	8	
5				North.	"	3			30-11	62	55	53		"	"	8	
6				N. N.E.	N.N.E.	3			30-11	63	55	52		"	"	9	
7				N.E. by N.	"	3			30-12	60	57	53		"	"	9	
8				N.E.	"	3			30-13	61	60	56		"	"	9	
9				"	"	3			30-12	62	64	59		"	"	9	
10				"	"				30-11	64	66	62		"	"	8	
11				North.	"				30-11	65	68	63		"	"	9	
Noon.				E.S.E.	E.S.E.				30-09	66	68	65		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 470 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1756 "

Coal consumed during the preceding 24 hours, tons 12 50 lbs.

Coal remaining on hand at Noon, 1470 "

P. M.																	
1				E.S.E.	East.	3			30-09	68	67	63		b c.	cir. cum.	4	
2				S.E.	E.S.E.	3			30-07	69	67	64		"	"	3	
3				"	"	3			30-06	70	67	64		"	"	4	
4				E.S.E.	"	3			30-05	70	67	63		"	"	4	
5				S.E. by E.	"	4			30-04	70	67	63		"	"	4	
6				"	"	4			30-03	67	63	63		"	"	4	
7				S.E.	"	4			30-01	66	64	63		"	"	4	
8				E. by S.	East	4			30-00	66	65	63		"	cir. str.	3	
9				E. by N.	"	3			30-00	66	66	63		"	"	4	
10				"	"	3			30-00	66	64	62		"	"	3	
11				East.	"	3			29-99	66	63	62		"	"	3	
Mid.				"	"	4			29-98	66	63	61		"	"	4	

4-26

under the command of W. H. Stead, Commander, U. S. Navy,
Thursday, November 3, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Light breeze from the North to N.N.W.

W. Palmer
Ensign. U.S.N.

4 to 8 A.M.
Generally clear and pleasant. Gentle breeze from N.N.W. The American tug J. D. Jones, of New York received pratique and came in to inner harbor. Received the following stores, in Equipment Department: 114 lbs. 1¾ in. Manilla rope; = 434 lbs. 2 in Manilla rope; = 592 lbs. 2¼ " Manilla rope; = 392 lbs. 2½ " Manilla rope; = 230 lbs. 2¾ " Manilla rope; = 790 lbs. 3½ " Manilla rope; = 502 lbs. 3¾ " Manilla rope; = 470 lbs 4½ Manilla rope; = 36 Corn Brooms; = 187 gallons Olive oil; = 1 barrel Lime; = ½ Cord wood; = In Construction and Repair: - 24 gallons Alcohol; = 50 lbs gum shellac; = 100 lbs Lamp Black; ½ bbl. Pitch; = 80 ft. Ash lumber 2 in.

W. H. Stead
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy. Gentle breezes from West and S.E. At 9.30 mustered at quarters. By order of Commanding Officer released J. J. Sansonson (Sea) from confinement and confined J. J. Linney (Sea) in brig on bread and water for five days. Sent officer to load wrecking tug J. D. Jones. Crew engaged in painting about ship and cutting and fitting running rigging.

D. McKone
Ensign. U.S.N.

Meridian to 4 P.M.
Fair. Gentle breeze from S.S.E. to S.E.by.S. Released prisoner J. Quigley (Private). Cutting and reeving off new running rigging. Sent liberty party on shore.

W. Palmer
Ensign. U.S.N.

4 to 8 P.M.
Cloudy; clearing. Light and gentle breezes from S.E. and East. At 6.15 mustered at quarters. Hoisted steam Cutter. A boarding officer from H.M.S. Basilisk called on board to inform us of the departure of H.M.S. Basilisk and Sirius.

D. McKone
Ensign. U.S.N.

8 P.M. to Midnight.
Clear. Gentle breeze from the East.

W. Palmer
Ensign. U.S.N.

Examined and found to be correct.

H. K. Lemmon
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer "Essex" **, 3d Rate,**

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	E.N.E.	3			29.97	66	62	60		t	none	10	
2				N.E.	"	3			29.96	65	62	61		"	"	10	
3				N.N.E.	N.E	4			29.93	64	62	61		"	"	10	
4				N.E.	"	4			29.92	64	61	60		f.c.m.	cir. cum.	8	
5				"	"	2-4			29.90	64	61	60		"	cir. cum. str.	1	
6				N by E.	E.N.E.	3-4			29.91	62	61	60		o.c.m	"	0	
7				E.N.E.	"	2-3			29.89	64	62	61		"	"	0	
8				East.	"	3-4			29.88	64	62	61		o.c.g.m	cum. nim.	0	
9				"	East.	4-5			29.86	65	62	61		"	"	0	
10				E by N.	E by N.	3-4			29.84	65	62	60		"	"	0	
11				East.	"	3			29.84	66	63	62		o.c.r	"	0	
Noon.				"	"	3			29.83	66	63	62		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 216 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1570 "

Coal consumed during the preceding 24 hours, tons 1250 lbs.

Coal remaining on hand at Noon, 140 " 220

P. M.																	
1				N.E.	East.	4			29.78	66	63	63		o.c.g.m.d	mist	0	
2				E by N.	"	3-5			29.77	73	62	62		"	"	1	
3				East	"	4-5			29.76	72	63	62		"	"	0	
4				E.S.E.	"	4-6			29.69	70	63	62		o.c.d.m.	"	0	
5				S.E.	"	4-6			29.71	65	63	63		o.c.g.r.	"	0	
6				"	"	3-5			29.71	72	63	63		"	"	0	
7				"	"	3-5			29.71	74	63	63		"	"	0	
8				"	"	3-5			29.72	75	64	63		"	"	0	
9				S.E. by E.	"	3-4			29.72	75	63	63		"	"	0	
10				"	E by S	4-5			29.72	74	63	63		"	"	0	
11				"	"	3-5			29.66	69	63	62		o.c.g.d.	"	0	
Mid.				E by S.	"	3-5			29.64	68	63	62		o.c.g.r.	"	0	

under the command of W. H. Mead Commander, U. S. Navy,
Friday, November 4, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and fine. Moderate breeze from E.N.E.
W. Rg Mann Feild.
Ensign, U.S.N.

4 to 8 A.M.
Clear and pleasant. Gentle breezes from N.E. and N.N.E. Executed morning orders. Received in Pay Department 93¾ lbs. fresh beef and vegetables and 76 lbs. soft bread. H.M.S. Sirius and Basilisk left the harbor.

C. Mallone
Ensign, U.S.N.

8 A.M. to Meridian.
Clear. Light breeze from N.N.E. to E.S.E. At 9.30 mustered at quarters. Absent without leave, Lynch D.H. (Private) Nutter C.H. (Private) Pingree J. (Ch.). Exercised 2d and 3d Companies at infantry. The Commanding Officer awarded the following punishments, Haley H.P. (S.C.1). Failing to carry out orders of Captain of Top. - 3 nights extra watch. Pumped out bilges. Painting running rigging which was rove off yesterday as follows:- 1 Main Staysail downhaul;- 1 Flying Jib Halliards;- 1 Jib Halliards;- 1 Jib downhaul; 1 Foretopmast staysail Halliard;- 2 Foretopmast staysail sheet Whips;- 2 Fore top Bowlines; 1 Forward Guy;- 1 Foretopmast staysail Downhaul;- 2 Jib sheet Whips;- 2 Foretopsail Braces; 2 Main Braces;- 2 Main topsail Braces;- 1 Sailing Launches Falls;- 1 Foretopgallant Mast rope; 1 Maintopgallant Mast rope;- 2 Foretopsail Sheets;- 2 Main topsail Sheets;- 2 Fore royal clew-lines;- 2 Main royal clewlines;- 1 Crowfoot Halliards;- 1 Foretopmast staysail Halliards;- 1 Flying Jib Downhaul;- 4 Fore leech Lines;- 1 Fore royal Halliards;- 2 Fore staysail Vang whips;- 2 Main staysail Vang whips;- 1 Mizzen Mast whip; 2 Flying Jib sheet Whips;- 2 Fore clew-jiggers;- 2 Fore Mast-whips;- 2 Foretopgallant clewlines;- 2 Foretopgallant buntlines;- 2 Fore royal sheets;- 2 Main Mast-whips;- 2 Maintopgallant clewlines;- 2 Maintopgallant Buntlines; 2 Main royal-sheets;-

W. O. Malone
Ensign, U.S.N.

Meridian to 4 P.M.
Fair. Gentle breeze from East and E.S.E. Exercised Marine Guard at infantry and 3d Company at setting-up exercises. Sent liberty party ashore.

W. Rg Mann Feild
Ensign, U.S.N.

4 to 8 P.M.
Cloudy. Gentle to moderate breeze from E.S.E. At 6.15 mustered at quarters, Absent without leave, Lynch D.H. and Nutter C.H. (Privates) and Pingree J. (Coal Heaver).

W. O. Malone
Ensign, U.S.N.

8 P.M. to Midnight.
Fair then cloudy. Gentle to moderate breeze from East. J. Pingree (Coal Heaver) returned from liberty 12 hours overstay.

W. Rg Mann Feild.
Ensign, U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut., Navigator.

4-95

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	East.	3-5			29.66	64	63	62		l.c.g.d.	mix.	0	
2				East.	"	3-5			29.64	64	62	62		"	"	0	
3				E.N.E.	"	3-5			29.64	65	61	61		"	"	0	
4				"	"	4-6			29.64	65	61	61		"	"	0	
5				E. by S.	"	4-6			29.64	64	61	61		"	"	0	
6				E.S.E.	"	4-6			29.66	64	61	61		"	"	0	
7				"	E.S.E.	4-6			29.68	65	61	60		"	"	0	
8				S.E.	S.E. by E.	5-7			29.70	65	60	60		"	"	0	
9				S.E. by S.	S.E.	5-7			29.74	70	59	59		"	"	0	
10				S.E.	S.E. by S.	5-8			29.77	72	59	57		"	"	0	N.
11				"	"	5-8			29.78	70	58	58		"	"	0	"
Noon.				"	"	5-8			29.78	70	58	57		o.c.g.	"	0	"

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 720 gallons.

Water distilled during the preceding 24 hours, 1878 "

Water remaining on hand fit for use at Noon, 3000 "

Coal consumed during the preceding 24 hours, 1 tons 705 lbs.

Coal remaining on hand at Noon, 138 " 1665

P. M.																	
1					S.E.	S.E.	5-8			29.78	70	59	57	o.c.m.	nim	0	
2					"	"	7-9			29.79	72	58	57	o.c.gm.	"	0	
3					S.E. by S.	S.E. by S.	6-8			29.82	69	60	57	"	"	0	
4					S.S.E.	S.S.E.	6-8			29.86	68	58	54	l.c.grad	"	0	
5					S. by E.	"	5-7			29.91	70	58	57	"	"	0	
6					"	"	5-7			29.93	69	59	58	"	"	0	
7					"	"	3-7			29.96	71	59	57	l.c.g.m.	"	0	
8					"	"	4-7			30.01	75	59	57	"	"	0	
9					S.S.E.	"	3-6			30.02	75	59	57	l.g.m.	"	4	
10					S.E. by S.	"	3-6			30.02	73	58	57	l.g.	cumulus	3	
11					"	"	3-5			30.02	69	58	56	"	"	4	
Mid.					"	"	3-5			30.03	67	58	56	l.c.g.	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, November 5, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Clear and pleasant - barometer falling - gentle to moderate breeze from E.N.E. and N.E. Moonlight.

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.
Overcast and misty - Light to moderate breeze from N.E. to E.N.E. Lt. Lynch (Private) and Lt. Nutter (Private) returned on board 24 hours overtime. Received in Equipment Dept. 50 lbs Rod Line. In Construction Repair 2 lbs. Chrome Green.

W. H. Beehler
Ensign U.S.N.

8 A.M. to Meridian.
Overcast and raining. Gentle to moderate breeze from East and E by N. Lighted fires for heating ship.

F. W. Rayman Field
Ensign U.S.N.

Meridian to 4 P.M.
Overcast - raining - Wind from East with force of fresh breeze - occasional moderate squalls - Barometer low and falling. Distilling. Swell from S.E.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Overcast and raining. Gentle to stiff breze from East. Distilling. Hoisted steam launch on account of threatening weather.

F. W. Rayman Field
Ensign U.S.N.

8 P.M. to Midnight.
Overcast - squally - rainy - gentle to fresh breze from E. by S. Barometer low and falling - distilling - Swell from S.E.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

A. K. Lucas
Lieut, - Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	S.E.	4-5			30-05	65	58	56		l.c. q.	cum, nim	0	
2				South.	"	4-5			30-05	65	57	56		l.c.q.	"	3	
3				"	"	3-4			30-06	65	58	56		"	"	3	
4				S.E.	"	3-4			30-07	64	58	56		"	"	3	
5				S.S.E.	"	3-4			30-08	63	57	56		l.c.	"	3	
6				"	"	3-4			30-16	60	57	55		"	"	3	
7				"	"	3-4			30-18	62	58	55		"	"	2	
8				"	"	3-4			30-21	69	58	55		f.c.m.	"	2	
9				"	"	3			30-21	72	59	56		"	"	6	
10				S.E. by S.	S.E.	3			30-21	70	59	56		"	"	7	
11				"	"	3			30-22	69	60	57		"		5	
Noon.				S. E	"	3			30-22	69	60	59		"		5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 380 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2620 "

Coal consumed during the preceding 24 hours, tons 1590 lbs.

Coal remaining on hand at Noon, 138 " 75.

P. M.																	
1				S. E by S.	S E by S.	2			30-23	69	61	57		l.c.	cir. cum.	7	
2				S.E.	S.E.	2			30-23	69	61	58		"	"	8	
3				S. S.E.	"	2			30-23	69	61	58		"	"	8	
4				S.S.E.	"	2			30-22	69	62	58		"	"	9	
5				S.E.	"	2			30-23	70	61	57		"	"	9	
6				E by N.	E.S.E.	2			30-23	69	60	58		"	"	7	
7				E by S.	S.E by E	2			30-22	65	60	57		"	"	6	
8				E. S.E.	"	2			30-22	65	60	57		"	"	7	
9				S. S.E.	"	2			30-22	64	59	57		"	"	4	
10				"	E.S.E.	1			30-22	62	59	58		"	"	4	
11				S.E.	"	1			30-21	62	60	58		"	"	7	
Mid.				East.	East.	1			30-21	62	60	58		"	"	6	

under the command of W. W. Mead Commander, U. S. Navy,
Sunday November 6, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast and raining. Gentle breeze from East with frequent light to moderate squalls. Distilling.

F. A. Traverse
Lieut. U.S.N.

4 to 8 A.M.
Overcast and raining. Moderate breeze to moderate gale from East to S.E. by E. Received in Pay Department 75 lbs. soft bread. 93 3/4 lbs. fresh beef and 93 3/4 lbs. vegetables. Liberty party returned. Distilling.

W. Ry Thurber
Ensign U.S.N.

8 A.M. to Meridian.
Overcast. raining at times - barometer rising - Wind from S.E. gradually veering to S.E by S., increasing in force from fresh breeze at 9 00 to moderate gale at close of watch. Moderate sea from S.S.E. Secured battery and braced yards. Let go port anchor and veered 30 fathoms on both chains. Stopped distilling. J. McComb (Private) absent overtime.

F. J. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast and misty with occasional passing showers of drizzling rain. Fresh breeze to strong gale from S.E. to S.S.E. with frequent moderate to heavy squalls. Rough harbor sea.
A heavy sea unshipped the upper platform of starboard gangway, and carried it overboard.
Sent down topgallant yards and housed topgallant masts.

F. A. Traverse
Lieut. U.S.N.

4 to 8 P.M.
Overcast - drizzling first hour - wind from S.S.E. moderating in force to fresh breeze. Barometer rising. Crew in hawse - Starboard chain on top.

F. J. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Partly cloudy first and middle part, cloudy last hour. Gentle breeze from S.S.E. - with frequent moderate squalls

F. A. Traverse
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	N.N.W.	1			30-20	62	59	57		b.cd.	cir St.	9	
2				"	"	1			30-20	60	59	58		"	"	9	
3				"	"	1			30-17	51	58	57		"	"	9	
4				North.	"	1			30-17	59	57	56		"	"	9	
5				N.by.E.	"	1			30-17	59	57	56		lc.	"	6	
6				North.	N.N.E	1			30-18	60	57	56		b.c.m.	"	5	
7				"	"	1			30-20	60	57	56		"	"	7	
8				"	"	1			30-21	62	59	58		"	"	7	
9				N.E.	S.S.E	1			30-22	62	62	60		b.c.	Cir Cumu St	4	
10				S.S.E.	"	1			30-22	67	63	61		"	"	6	
11				S.E.by.S.	S.E.by.S.	2			30-22	67	63	61		"	"	7	
Noon.				S.S.E.	S.S.E.	2			30-21	68	64	62		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 788 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2132 "

Coal consumed during the preceding 24 hours, tons 176 0 lbs.

Coal remaining on hand at Noon, 137 " 555

P. M.																	
1				S.E.	S.E.	2			30-21	69	62	60		bc.	cir. cum	7	
2				E.S.E	E.S.E	2			30-19	67	63	61		"	"	7	
3				E.N.E.	"	2			30-15	67	64	62		"	"	8	
4				N.E.	East.	2			30-15	67	64	62		"	"	6	
5				N.N.E.	E.N.E.	3			30-12	67	64	62		"	"	8	
6				N.E.by.E.	E.by.N.	3			30-10	64	64	63		"	"	8	
7				"	"	3			30-10	63	62	59		"	"	8	
8				"	"	3			30-19	64	62	61		"	"	6	
9				"	N.E.by.E	2			30-10	65	62	61		"	cum. nim	7	
10				E.S.E.	N.E.	2			30-10	64	63	62		"	"	6	
11				S.by.E.	"	2			30-10	63	63	62		"	"	7	
Mid.				"	"	2			30-10	63	63	62		b.c.	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,

Monday, November 7, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Cloudy; Gentle to fresh breezes from S.S.E.

C. C. Stone
Ensign, U.S.N.

4 to 8 A.M.

Cloudy and pleasant. barometer rising rapidly. Gentle to moderate breeze from S.S.E. Hove up port anchor and hove in 30 fathoms of starboard chain. Received in Pay Department - 75 lbs. soft bread, 93 3/4 lbs fresh beef - 93 3/4 lbs. vegetables. Sent up topgallant mast and crossed topgallant yards.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian

Generally clear and pleasant weather. Gentle breeze from S.S.E. to S.E. At 9.30 inspected at quarters and had company drills, E. W. Bratton (Oiler) and Jno. McCombe (Asst.) absent without leave. The Commanding Officer adjudged the following punishments, viz;- Pingree J. (Coal Heaver) 12 hours overtime, 2d class 1 month;- Nutter C.H. (Private) 24 hours overtime, 3rd class 1/2 months; Lynch D.H. (Private) 24 hours overtime, 3rd class 1/2 months;- Bresnahan J. (Jack of Dust) returning from liberty drunk, 4th class 2 months and $2.50 Monthly Money;- Spear J.A. (Capt. F.C.) returning from liberty drunk, 4th class 2 months and $2.50 Monthly Money;- Wilson, Frank (Seaman), using abusive language to Petty Officer, 3 nights extra duty;- Scrogie F. (Ord. Sea) Not coming aft when word was passed, 4 hours extra duty;- Bates Thos (1. class Appr.) Not coming aft when word was passed, 4 hours extra duty.

The American wrecking tug J.D. Jones left the harbor to the S'd. 2d Cutter engaged dragging for upper platform of starboard gangway. An American Barkentine anchored in the outer roads and hoisted quarantine flag.

W. W. Mead
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant - Light breezes from S. & and S.E. Exercised Reserves at infantry - and signal boys. Exercised prisoner for one hour. The Italian torpedo catcher Dogali fired a salute of 11 guns, Uruguayan flag at the fore.

C. C. Stone
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant. Light breeze from S.E. to S.E. by E. Mustered at quarters at 6.15. W. G. Bratton (Oiler) and Jas. McComb (Asst) absent without leave. Ass. Engr. W. Koester U.S.N. left the ship on leave of absence of one week from November 8.

W. W. Mead
Lieut. U.S.N.

8 P.M. to Midnight.

Fair. Light airs and breezes from S.E. by S. to East. Gil. Bratton (Oiler) returned on board 11 1/2 hours overtime.

C. C. Stone
Ensign U.S.N.

Examined and found to be correct.

M. K. Lewis
Lieut.
Navigator.

4-205

LOG of the UNITED STATES "Steamer Essex", 3d Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	North.	1			30-06	62	63	61		b.c.w.	cir. cumu.	9	
2				East.	"	2			30-04	60	62	60		"	"	9	
3				N.W.	"	1			30-04	62	61	60		"	"	9	
4				N.W by N.	"	1			30-04	61	61	60		"	"	8	
5				N.N.W.	"	2			30-04	62	61	60		"	"	8	
6				N.W.	N.N.W.	2			30-04	62	63	62		b.c.w.	cir. cumu. str.	8	
7				"	"	2			30-05	62	61	59		"	"	5	
8				N.N.W.	N.W.	2			30-05	64	63	61		"	"	2	
9				S.W.	W.S.W.	2			30-06	65	64	62		f.c.	"	5	
10				South.	S by W.	3			30-09	69	64	62		o.c.	cum. str.	0	
11				"	"	4			30-09	69	62	60		"	"	0	
Noon.				S by E.	S.S.E.	4			30-11	72	60	58		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 450 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1682 "

Coal consumed during the preceding 24 hours, tons 1335 lbs.

Coal remaining on hand at Noon, 136 " 1460

P. M.																	
1				S.S.E.	S.S.E.	4			30-11	68	59	57		o.c.	cum. str.	0	
2				"	"	4			30-11	69	59	56		"	"	0	
3				"	"	4			30-11	69	58	55		"	"	0	
4				S.E. by E.	"	4			30-11	67	58	55		"	"	0	
5				"	S.E. by S.	4			30-11	66	57	54		"	"	5	
6				"	"	4			30-12	65	56	53		"	"	5	
7				S.E. by S.	"	3			30-13	64	56	53		"	"	4	
8				S.E.	S.E.	4			30-15	64	56	52		"	"	6	
9				"	"	4			30-15	62	56	52		"	"	2	
10				"	"	4			30-14	62	56	52		"	"	2	
11				"	"	4			30-14	61	54	51		"	"	1	
Mid.				"	"	4			30-14	61	54	51		"	"	6	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, November 8, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear - Light airs from N.N.W.

W.O. Hulme
Ensign, U.S.N.

4 to 8 A.M.

Partly cloudy pleasant weather - Light airs from S.W. and N.N.E. At 5. exchanged numbers with U.S.S. Yantic. At 5.12 Yantic made Int. 5573. answered 1244. At 5.30 Yantic moored E. by N. of this ship and about two cables distant. At 7.30 made time and uniform signals 3350, 3955, and 6375. Lieut. G.F.W. Holman, U.S.N. returned from leave.

F.H. Holmes
Lieut. U.S.N.

8 A.M. to Meridian.

Cloudy and clearing. Light airs and breezes from S.S.E. and S.E. by S. At 9.30 mustered at quarters and exercised divisions as follows - 1st and 2d divisions - oral instruction 3d division single sticks. Received in Pay Department 9 barrels sugar; - 14 barrels flour; - 10 barrels Pork; - 3 Tierce Beef; 5 barrels molasses; - 24 tins coffee; 2 boxes tea; 1 case Tongue. Received on Construction and Repair Department 26 ft. 1½ in Pine Lumber. Absent without leave J. McComb (Private) Horvath E (Sergt. M.C.). By order of Commanding Officer released J. Slingy (Sea) from confinement and confined Thos Shields (Private) on bread and water for three days.

Sent an officer to board the American barkentine Hattie G. Dixon. A party of officers from the Italian Torpedo Boat Catcher Dogali called on board. The Commanding Officer of the Yantic called officially. The Yantic made the following signals at 8.30 Interrog 5 4 65. at 9.00 Numeral 0, at 10.00 Numeral 2, at 12.00 Numeral 60.

C.M. Stone
Ensign, U.S.N.

Meridian to 4 P.M.

Clear. Light breeze from S.E. to the East. Exercised 2d Company at setting up - Marines at infantry.

W.O. Hulme
Ensign, U.S.N.

4 to 8 P.M.

Mostly clear and pleasant - Gentle breeze from E.S.E. and E. by N. Horvath (Sergeant M.C.) returned on board 9 hours overtime. At 6.15 mustered at quarters. J. McCombe (Private) absent without leave.

C.M. Stone
Ensign U.S.N.

8 P.M. to Midnight.

Fair - Light breeze from N. by E. to N.E.

W.O. Hulme
Ensign, U.S.N.

Examined and found to be correct.

E.K. Lewis
Lieut., Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 2nd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S Eby S.	S Eby S.	4			30-16	61	54	51		b.c.	cum. nim.	4	
2				S. S. E.	"	3			30-16	61	54	51		"	"	3	
3				"	"	3			30-16	61	53	50		"	"	3	
4				"	"	3			30-16	61	54	51		"	"	3	
5				S E by S.	"	3			30-19	60	54	51		"	cir. cum.	1	
6				S. S. E.	S. E.	3-4			30-19	56	54	51		"	"	2	
7				S E. by S.	"	3-4			30-20	58	54	51		"	cir. cum. str.	5	
8				S E.	"	3-4			30-21	57	55	51		"	"	7	
9				"	"	3-4			30-23	58	55	51		"	"	8	
10				"	"	3-4			30-28	70	57	53		"	"	8	
11				"	"	3			30-28	69	57	53		"	"	8	
Noon.				S E by S.	"	2			30-29	72	58	54		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.: Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 370 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1312 "

Coal consumed during the preceding 24 hours, tons 1080 lbs.

Coal remaining on hand at Noon, 136 " 380.

P. M.																	
1				S. S. E.	S. S. E.	2			30-30	72	58	55		fo	cir. cum.	4	
2				"	"	2			30-30	72	59	56		"	"	4	
3				"	"	2			30-29	71	59	56		"	"	4	
4				"	S. E.	3			30-29	70	59	56		"	"	6	
5				S. E.	"	2			30-29	70	59	56		"	"	4	
6				"	"	3			30-29	69	58	56		"	"	7	
7				"	S. E. by E	3			30-30	69	58	56		"	"	8	
8				S. E. by E.	E. by S.	3			30-30	69	58	56		"	"	7	
9				"	"	2			30-30	67	60	57		"	"	7	
10				E. N. E.	East	1			30-30	65	60	57		"	"	9	
11				"	"	1			30-30	63	60	57		"	"	8	
Mid.				"	"	1			30-30	62	60	57		"	"	8	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday November 9, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cloudy until 4 P.M.
Clear and pleasant. Heavy dew. Light airs and breezes from North.

H. Geo. Lyon Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy most of watch. Light breeze from North to N.W. Executed morning orders. Hoisted guard flag. Made routine signals as per signal book. Received in Pay Department 91 lbs. fresh beef and vegetables and 73 lbs. soft bread.

Chas. A. Stone
Ensign U.S.N.

8 P.M. to Meridian.
Overcast. Light to moderate breeze from W.S.W. to S.S.E. At 9.30 mustered at quarters and exercised battalion. Absent without leave J. McCombe (Private). The Commanding Officer awarded the following punishments, Bratton W.J. (Oiler) 1½ hours overtime = 2d class 1 month; = Horvath E. (Sergeant M.C.) 9 hours overtime 2d class 1 month; = Johnson F. (Coal Heaver) Not obeying order of the Officer of the Deck, and disrespectful when order was repeated. - Confinement 3 days bread and water. Boarding officer came to inform us of the departure of the Italian Cruiser Dogali for Buenos Aires this afternoon. A board of Survey of which Lt. A. Hertz, U.S.N. is senior member reported on board to survey starboard gangway platform. - Routine signals as per record.

W.O. Wahlen
Ensign U.S.N.

Meridian to 4 P.M.
Overcast. Moderate breeze from S.S.E. Gave Orth Quigley one hour's exercise on deck without irons. Sent a liberty party ashore. At 1.20 Pantia made signal Int: 2983. Answered affirmative.

H. Geo. Lyon Holman
Lieut. U.S.N.

4 to 8 P.M.
Fair. Moderate breeze from S.E. by S. to S.S.E. Received in Equipment Department ½ lb Linen Thread; and in Construction and Repair Department 2 doz Brass Screws. Enlisted Oscar Filippus Sandberg as Landsman for 3 years At 6.15 mustered at quarters. Absent without leave J. McCombe (Private). Spanish cruiser "Blom" and Italian cruiser "Dogali" got underway & left the harbor about 5:30

W.O. Wahlen
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Moderate breeze from S.E.

H. Geo. Lyon Holman
Lieut. U.S.N.

Examined and found to be correct.

H. H. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES "Steamer Essex", 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	N.E.	1			30-30	62	59	57		b.c.w.	cir.cum	9	
2				E.S.E.	"	1			30-30	59	59	57		"	"	0	
3				S.E.	"	1			30-29	58	58	56		"	"	0	
4				"	"	1			30-29	58	57	55		"	"	0	
5				N.E. by E.	N.N.E	1			30-29	56	57	55		~~b.c.~~	"	8	
6				N.E.	"	1			30-30	58	57	55		b.c.m.	"	0	
7				N. by E.	N.E.	2			30-31	11	59	56		"	"	0	
8				N.N.E.	"	2			30-33	62	60	56		~~b.c.~~	"	0	
9				N.E. by N.	"	3			30-34	62	61	57		"	"	6	
10				E.N.E.	"	3			30-35	67	62	58		"	"	7	
11				E.S.E.	E.S.E.	3			30-35	69	62	58		"	"	7	
Noon.				"	"	3			30-35	70	63	58		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 411 gallons.

Water ~~distilled~~ during the preceding 24 hours, 1979 "

Water remaining on hand fit for use at Noon, 2880 "

Coal consumed during the preceding 24 hours, 1 tons 1645 lbs.

Coal remaining on hand at Noon, 134 " 975

P. M.																	
1				E.S.E	E.S.E.	3			30-34	70	63	58		b.c.	cir.cum.-nim	7	
2				"	"	3			30-33	69	62	57		"	"	7	
3				"	East	3			30-30	69	62	58		"	"	6	
4				East	"	4			30-29	69	62	58		"	"	6	
5				E.S.E	"	3			30-28	68	61	57		"	"	8	
6				East	"	4			30-28	68	61	57		"	"	8	
7				E.N.E	E by N.	4			30-27	67	60	57		"	"	6	
8				East	"	3			30-26	67	60	57		"	"	6	
9				N.E by E.	N.E. by E.	3			30-26	66	59	56		"	"	4	
10				N.E.	N.E.	3-4			30-26	66	57	54		b.o.f.	"	5	
11				N.E by E.	"	3-4			30-26	65	56	53		"	"	5	
Mid.				N.E.	"	4			30-25	66	54	52		"	"	4	

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday, November 10, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.

Fair and pleasant. Moderate to gentle breeze from S. E. by S.

F. W. Ry Mason Jr. Ensign U.S.N.

4 to 8 A.M.

Fair. Gentle to moderate breeze from S E by S. to S.E.

W. O. Malone Ensign U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Moderate to light breeze from S.E. At 9m went to General Quarters, times as follows, 1st Division ready 1m, 35s; 2nd Division ready 1m 15s; 3rd Division ready 1m, 45s; Navigator 2m; Powder 3m 05s; Engineer 1m 20s; Marine Guard 50s; Pay Department 48s; Surgeons 45s. Time of dismounting No 2, Inch Broadside Gun, from fire to fire, 3m 20s. Tested Magazine and shell room flood cocks. Absent without leave J. McCombe (Private). Ensign Stone was granted leave of absence for one week. Private J. McCombe returned aboard 99 3/4 hours overtime. The Yantic made the following signals: At 9h Numeral 0; 10m Numeral 3; and 12m Numeral 12 7.

H George F. W. Holman Lieut. U.S.N.

Meridian to 4 P.M.

Cloudy and pleasant, light breeze from S.-S.E. Exercised boats in squadron under sail, — times as follows — Steam Launch ready 3m 05s; Sailing Launch 4m 05s; First Cutter 2m 45s; Second Cutter 4m 10s; Whale Boat 3m 30s.

F W. Ry Mason Jr. Ensign U.S.N.

4 o'clock to 8 P.M.

Clearing. Gentle breeze from S.E. to S.E. by E. At 4.10 commenced distilling. At 6.15 mustered at quarters.

H George F. W. Holman Lieut. U.S.N.

8 P.M. to Midnight.

Clear and fine. Light breeze to light airs from E by S. and Past. Distilling.

F. W. Ry Mason Jr. Ensign U.S.N.

Examined and found to be correct.

H. K. Lunt Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 3d. Rate,

Montevideo, Straig way.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	N.E.	4			30-23	65	54	52		fc.	cir. cum.	6	
2				"	"	4			30-19	65	54	52		"	"	7	
3				"	"	4			30-19	59	53	52		"	"	4	
4				"	N.N.E.	4			30-19	57	53	52		"	"	3	
5				N.NE	North.	4			30-19	60	54	53		b.c.m	nim.	1	
6				"	"	2-4			30-20	61	55	53		o.c.g.d	"	0	
7				N.by.E.	"	3-5			30-21	63	56	54		o-cg.m.	"	0	
8				"	"	3-5			30-21	65	57	54		bcg	"	3	
9				North.	N.by.W.	3-5			30-20	66	59	56		"	"	4	
10				N.by.E	North	4			30-21	71	62	58		bc	"	6	
11				N.by W.	"	3			30-19	70	65	61		"	"	6	
Noon.				"	"	3			30-18	69	68	62		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 455 gallons.

Water during the preceding 24 hours, 367 "

Water remaining on hand fit for use at Noon, 2792 "

Coal consumed during the preceding 24 hours, tons 1080 lbs.

Coal remaining on hand at Noon, 193 " 1235.

P. M.																	
1				N.N.E	North.	3			30-14	70	68	62		b.c.	Cir. Cumu. St.	3	
2				East.	"	3			30-12	71	72	65		"		7	
3				"	"	3			30-10	71	72	66		"	"	6	
4				E.N.E.	"	3			30-18	72	72	66		"	"	4	
5				"	"	3			30-07	71	72	66		"	"	4	
6				N.E.	"	2			30-06	71	71	67		"	"	5	
7				North.	"	1			30-06	71	71	67		b.c.m	Cir. Cumu. nim.	3	
8				"	"	2			30-06	71	71	67		o.c.l.	"	0	
9				N.NW.	N.N.W.	2			30-06	71	71	66		o.c.m.l.t.	nim.	0	
10				NW.	"	1			30-07	71	70	67		o.c. l.t.	"	0	
11				"	"	2			30-07	71	68	64		b.c.	Cumu. nim.	2	
Mid.				"	N.W.	2			30-07	71	66	64		b.c.l.t.	"	4	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday, November 11, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Quntil 4 P.M.
Clear and pleasant. barometer steady - light airs from N.E. Distilling.

J.T. Newton
Lieut. U.S.N.

4 o'clock to 8 P.M.
Generally clear with a light haze first part. Light airs and breezes from N.N.E. to N.E.
Received on board for use of crew 93¾ lbs. each fresh beef and vegetables and 75 lbs soft bread.

H
Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Meridian.
Clear and fine, gentle breeze from N.E. - hauling to E.S.E. Mustered at quarters and exercised 1st Company at infantry, 2nd Company at Artillery. By order of Commanding Officer released Private T. F. Shields from confinement and confined F. Bowman (C.A.) for three days on bread and water for not obeying orders of Petty Officer.
Sent an officer to board the American ship State of Maine.
McCombs Private for being 99¾ hours overtime was awarded the following punishment, viz:- 4th class 3 months and $2.50 Monthly Money.
Received in Construction and Repair - Departments - 2 ft. 2½ in lead pipe, and 1 piece sheet iron 18" x 18" x ⅜"; - in Equipment Department ¼ lb. linen thread.
The U.S.S. Yantic made routine signals. Distilling.

F. W. Rayhawn Tuttle
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - barometer falling - gentle to moderate breeze from E. by S. E. and East - Bent topsails - foresail - jib - and spanker. Stopped distilling.

N. J.T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear and fine - Moderate breeze from East and E. by N.

F. W. Rayhawn Tuttle.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant - barometer steady - gentle to moderate breeze from N.E. by E and N.E. Swell from Sid. and Ed.

N. J.T. Newton
Lieut. U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				W.S.W.	N.W. by N.	2			30-06	68	66	64		s. c. b.s.	cum/nim	0	
2				N. by W.	N. by W.	2			30-05	68	65	64		bal.	"	6	
3				North.	N.N.W.	2			30-08	70	66	63		"	"	6	
4				W.S.W.	S.E.	2			30-13	70	67	64		"	"	3	
5				W.N.W.	N.N.E.	2			30-14	69	66	65		b.obl.	Cir. Cum. Nim.	2	
6				South.	W.N.W.	2			30-05	65	66	64		"	"	2	
7				S.E. by S.	Variable	1			30-07	66	66	65		b.c.p.	cum/nim	1	
8				W.S.W.	West	1			30-08	67	66	65		b.c.	Cir. Cum. Nim.	3	
9				W.N.W.	"	1			30-18	68	66	65		"	"	3	
10				W.S.W.	W.S.W.	1			30-10	70	66	65		b.c.p.	"	2	
11				W.N.W.	"	1			30-11	72	67	66		b.c.	"	1	
Noon.				S.W.	S.W.	1			30-11	73	67	65		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 520 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2272 "

Coal consumed during the preceding 24 hours, tons 1165 lbs.

Coal remaining on hand at Noon, 133 " 970.

P. M.																	
1				South.	South.	1			30-10	73	66	64		b.c.	Cir. cum	6	
2				"	"	2			30-10	70	67	65		"	"	5	
3				"	S.S.W.	3			30-10	72	66	65		"	"	4	
4				S.S.E.	S.E. by S.	3			30-10	72	65	63		"	"	7	
5				"	"	3			30-10	72	66	64		"	"	6	
6				S.E.	S.E.	3			30-11	72	65	62		"	"	8	
7				"	E.S.E.	3			30-11	70	63	61		"	"	7	
8				"	"	3			30-11	70	63	60		"	"	7	
9				"	"	3			30-11	69	62	60		"	"	2	
10				"	"	3			30-13	68	62	60		"	"	0	
11				E.S.E.	"	2			30-13	68	62	60		"	"	0	
Mid.				"	"	2			30-14	67	62	60		"	"	0	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, November 12, 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Am't til 4 P.M.

Partly cloudy first and middle part, cloudy last hour. Moon rose about 2. Moderate breeze from N.E. and N.N.E. Swell from S'd. and E'd.

W. Williams
Lieut. U.S.N.

4 to 8 P.M.

Cloudy and at times, overcast with rain. Barometer steady - gentle to stiff breeze from North.

W. Nelson Gale.
Ensign U.S.N.

8 P.M. to Meridian.

Clear and pleasant. barometer falling slowly - fresh to gentle breeze from N. by W. and North. Absent without leave - J. Cooney (Ord'y Sea) and G. Griffith (Private).

Reported expiration of terms of enlistment - O. Clausen, Quartermaster; James Dwyer (Landsman) - H. S. Jones (Chief Yeoman). At 10.30 an officer from the General Rivera came to give notice that according to information received from the Observatory at Colon there would be a strong blow at noon. Made General Signal 1017 - 2240 - Aired bedding - Yantic made Numeral 0. Numeral 2, Numeral 126. Received on Construction & Repair - 200 deck plugs.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.

Partly cloudy, warm and pleasant - Gentle breeze from North. Barometer falling - Hoisted steam Cutter for repairs. Quigley J. (Private) was given one hours exercise on deck, without irons by order of Cond'g Officer. Received following stores in Pay Department -

5 bales Cap Cloth; 4 bales Heavy Flannel; 2 bales Mattresses; 12 boxes Tobacco; 25 boxes Candles; 1 box Clothing

W. Williams
Lieut. U.S.N.

4 to 8 P.M.

Gradually clouding over from S'd. - overcast last hour. barometer steady - gentle breeze to light airs from North. Lightning to Wd. At 6.15 quarters - same absentees as in forenoon watch.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.

Cloudy - first part with passing shower at 9 with thunder and lightning. Frequent lightning to W'd & S'd & E'd. throughout the watch. Light breeze to light airs from N.N.W. and N.W.

W. Williams
Lieut. U.S.N.

Examined and found to be correct.

W. K. Mead
Comd'r. Navigator.

4-265

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	E.S.E.	2			30-17	66	63	60		hor.	none	10	
2				E.S.E.	"	3			30-14	66	62	60		"	"	10	
3				"	East	2			30-14	66	62	60		"	"	10	
4				E by S.	E.N.E.	3			30-14	61	61	60		"	"	10	
5				S.E. by E.	"	3			30-15	61	61	59		hz m	cir. cumu. Str.	7	
6				"	"	3			30-16	60	58	57		"	"	8	
7				E by N.	"	2			30-16	60	59	56		"	"	8	
8				S.E. by E	"	2			30-17	61	61	59		"	cumu Str.	9	
9				"	East.	2			30-17	64	64	61		"	"	8	
10				S. E. by S.	S.E.	3			30-17	68	64	61		"	"	9	
11				"	"	3			30-18	68	64	6		"	"	9	
Noon.				S.E. by E.	"	3			30-19	68	64	61		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 576 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1696 "

Coal consumed during the preceding 24 hours, tons 176 lbs.

Coal remaining on hand at Noon, 132 " 1450

P. M.																	
1				E.S.E.	E.S.E.	3			30-20	70	64	61		hz.	cir. cumu.	9	
2				"	"	3			30-20	70	65	63		"	"	9	
3				"	"	3			30-19	69	65	63		"	"	9	
4				"	"	3			30-18	69	65	62		"	"	9	
5				East	East.	3			30-18	68	64	62		"	"	9	
6				"	"	3			30-17	69	64	62		"	"	9	
7				"	E.S.E.	3			30-16	69	64	62		hz.	none	10	
8				"	"	3			30-15	69	63	61		hor.	"	10	
9				"	E.N.E.	3			30-17	67	63	61		"	"	10	
10				E by N.	"	3			30-17	65	62	60		"	"	10	
11				N.E. by E.	N.E.	3			30-17	65	62	60		hor.	"	10	
Mid.				N.N.E.	N.N.E.	3			30-17	65	61	59		"	"	10	

under the command of W. D. Head, Commander, U. S. Navy,

Sunday, November 13, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cuntil 4 A.M.

Overcast and raining first hour. Fair last three hours. Lightning. Light breze from N.by W. to S.E.

W.O. Bulmer
Ensign U.S.N.

4 to 8 A.M.

Cloudy. occasional thunder and lightning first part. passing shower between 6 and 7. Barometer rising. Wind light and variable. Received in Pay Department 73 lbs soft bread 91¼ lbs fresh beef. 91¼ lbs fresh vegetables.

W. F. Harrison
Lieut. U.S.N.

8 A.M. to Meridian.

Generally cloudy, clearing last hour. Light passing showers second hour. Light airs from West to S.W. At 9.30 mustered at quarters and Commanding Officer inspected ship and crew. Chas Laird (C. Fop), A.J. Myers (Sea), Jas Cooey (Private), F. Griffith (Private) absent without leave. A.J. Myers (Sea). returned 2¾ hours overtime. Joseph Pingree (Coal Heaver) reported the expiration of his term of enlistment. Signals made: Essex to Yantic 6375. 3955; and Yantic to Essex (routine). 0 - 2 - 126.

W. F. Harrison
Lieut. U.S.N.

Meridian to 4 P.M.

Fair weather. Light airs to gentle breze from S.S.W. to S.E. by S. Exercised prisoner (J. Quigley (Private) for one hour.

W.O. Bulmer
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant. Gentle breze from S.E. by S. to E.S.E. Mustered at quarters at 6.15. Chas Laird (C. F.) Private J. Cooney and F. Griffith absent without leave.

W. F. Harrison
Lieut. U.S.N.

8 P.M. to Midnight.

Clear. Gentle to light E.S.E. breze

W.O. Bulmer
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	N.N.E.	2			30_17	65	61	59		b.w.	none	10	
2				North.	North.	2			30_17	64	60	58		"	"	10	
3				"	"	2			30-17	63	59	58		"	"	10	
4				"	"	2			30-18	63	58	57		"	"	10	
5				N. by E.	"	2			30-19	63	58	57		"	"	10	
6				N.E.	"	2			30-20	63	60	58		b.w.	"	10	
7				N.E by N.	"	3			30-21	62	60	58		"	"	10	
8				N.E.	N. by E.	3			30-23	64	64	61		"	"	10	
9				"	"	3			30-24	67	67	63		"	"	10	
10				North.	North.	2			30-25	70	70	65		"	"	10	
11				"		2			30-24	70	72	67		"	"	10	
Noon.				N.W. by W.	N.N.W.	2			30-24	72	74	68		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 496 gallons.

Water distilled during the preceding 24 hours, 240 "

Water remaining on hand fit for use at Noon, 1440 "

Coal consumed during the preceding 24 hours, tons 1505 lbs.

Coal remaining on hand at Noon, 191 " 2185 "

P. M.																	
1				S-by E.	S.E.	3			30-24	72	71	69		b.w.	none	10	
2				S by S.	S.E. by E.	3			30-23	72	70	67		"	"	10	
3				"	"	3			30-23	72	71	67		"	"	10	
4				"	East.	3			30-23	72	72	68		"	"	10	
5				East.	"	3			30-22	72	72	68		"	"	10	
6				"	"	2			30-21	73	72	68		"	"	10	
7				"	E.N.E.	2			30-20	73	71	68		"	"	10	
8				"	"	1			30-20	72	70	68		b.w.	"	10	
9				"	"	3			30-20	70	70	68		"	"	10	
10				N.E.	N.N.E.	3			30-20	70	69	65		"	"	10	
11				"	"	3			30-20	70	68	64		"	"	10	
Mid.				N.N.E.	"	3			30-19	69	66	64		b.c.	cir. Str.	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, November 14, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Heavy dew. Light to gentle breezes from E.S.E. to E.N.E.

H. Jungo Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant. Gentle to light breeze from E.N.E. Misty along horizon. Received 90 lbs. fresh meat, 90 lbs. vegetables and 72 lbs. soft bread in Pay Department.

W. Harris
Lieut. U.S.N.

8 A.M. to Meridian.
Clear. Light to gentle breeze from the East to S.E. At 8.45 Yantic made Int 5455. At 9.30 loosed sail to a buntline. At 9.30 mustered at quarters. Absences. Chas Laird (Capt Top); J. Coney (Private); E. Griffith (Private) Excused 2d Company Artillery, 3rd Company Infantry. The Commanding Officer awarded the following punishments. Tyrell E.J. (O.S) Fight from Liberty; 1st Class 2 months and $2.50 Monthly Money; Nyce Alf. (Seaman) 2¾ hours overtime, 2d class 1 month; Bowe L.C. (I.C.A) Not coming aft to man boats falls, 2 nights extra watch; Mead W. (S. App I.C) Not coming aft to man boats falls - 2 nights extra watch; Rasmussen A (O.S.) Not coming aft to man boats falls, 2 nights extra watch. By order of Commanding Officer - F. Boorman, (C.T.) was released from confinement and Fred Johnson (C.T.G.) was placed in confinement. At 11.30 made 4826 to Yantic and furled sail.

W.D. Balme
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle breze from E.S.E. Drilled the Reserves at infantry and the Apprentices at signalling - Gave Private Langley one hours exercise on deck without irons. Received in Construction and Repairs 28 ft Ash lumber, 4½ in by 5in; 34 ft. Round iron 1 in; 17 ft Round iron ½ in and 4 ft. Flat iron 3 in. by ½ in.

H. Jungo Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Gentle breze from the East to E.S.E. At 6.10 made 6143, and sent down Topgallant yards and bent light sails At 6.15 Yantic made 4561. At 6.20 mustered at quarters and served out clean hammocks. Absentees. Chas Laird (Capt Top) J. Coney (Private). G. Griffith (Private)

W.D. Balme
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle breze from E.N.E. to N.N.E. Heavy dew.

Jungo Holman
Lieut. U.S.N.

Examined and found to be correct.

de K. Lewis
Navigator.
Lieut.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.NE.	N.N.E.	3			30-18	64	63	61		b.	cir. cumu.	8	
2				"	"	3			30-16	67	62	60		"	"	8	
3				N.by E.	N.by E.	3			30-16	65	61	60		"	Cir. Cumu. Nimb.	7	
4				"	"	3			30-16	65	60	59		"	"	4	
5				"	"	3			30-17	65	60	59		"	"	3	
6				N.NE.	"	4			30-17	62	60	59		b. c.w.	Cir. Cumu. Nimb.	2	
7				NE by E.	"	4			30-17	63	62	60		"	"	2	
8				NE by N.	"	4			30-17	65	64	61		b.	"	5	
9				"	N.N.E.	4			30-17	65	67	64		"	"	5	
10				N.E.	"	2			30-17	68	71	66		"	"	6	
11				North.	North.	1			30-17	69	72	68		"	"	5	
Noon.				N. by E.	S.S.W.	2			30-17	69	72	69		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 488 gallons.

Water distilled during the preceding 24 hours, 2398 "

Water remaining on hand fit for use at Noon, 3,50 "

Coal consumed during the preceding 24 hours, 1 tons 625 lbs.

Coal remaining on hand at Noon, 130 " 1560

P. M.																	
1				S.E.	S.S.E.	2			30,-15	71	70	68		b. c.	cir. str.	4	
2				E.N.E.	E.S.E.	3			30-12	71	70	68		"	"	7	
3				East.	"	3			30-10	72	70	67		"	"	4	
4				E.S.E.	E. by N.	3			30-06	72	71	67		"	"	5	
5				S.E. by S.	E.N.E.	3			30-05	72	72	68		"	"	3	
6				East	"	3			30-04	71	72	68		"	"	3	
7				N.E. by E.	"	2			30-03	71	71	67		"	"	2	
8				South	"	1			30-03	71	71	68		"	"	2	
9				"	"	1			30-02	70	71	69		"	"	6	
10				N.N.E.	N.N.E.	2			30-01	69	70	67		"	"	8	
11				"	"	2-3			29-99	70	71	68		"	"	8	
Mid.				"	"	3			29-97	70	71	68		b.	none	6	

under the command of W. W. Mead, Commander, U. S. Navy,

Tuesday, November 15, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and fine. Light breeze from S.S.E. and N.
F. W. Ry Mann Field.
Ensign U.S.N.

4 to 8 A.M.
Clear. Light to gentle breeze from the North to N by E.
Uniform signals as per record. Asst Engr. Ch. Forster U.S.N.
returned from leave.

W.O. Rulon
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Gentle to light breeze from N. by E. to N.NW. At 9.30 mustered at quarters and had divisional drill. Absentee. Chas Laird (Capt Top) Commenced distilling. Privates G Griffith and J Cooney returned aboard. The Yantic made signals - at 9.00 Num 0; 10.00 Num. 1; - and 12 Num. 124. T. Kinnachi (O.S.) reported his term of enlistment as having expired.

H
Jno H Holman
Lieut U.S.N.

Meridian to 4 P.M.
Clear and fine, gentle breeze from S.E. and S.E. by E. Piped down scrub and wash clothes. Made general signal to Yantic 3918. A.M.S. Sirius came in and anchored. The Guardship sent a boat to call and extend usual civilities. The call was returned to this ship. Exercised Marines at infantry drill and 2nd Company at setting up. Distilling. Chas Laird (Capt. Top.) returned 53 hours overtime.

F W. Ry Mann Field.
Ensign U.S.N.

4 o'clock to 8 P.M.
Clear sky. Hazy around horizon. Pleasant. Gentle to light breeze from East to E.N.E. At 6.15 mustered at quarters. Received in Construction and Repair - 4 ft. Bar iron 2¾ in by ¾ in.

Jno H Holman
Lieut U.S.N.

8 P.M. to Midnight.
Clear and pleasant, gentle breeze from E.N.E. and N.N.E. Distilling.

W. Ry Mann Field.
Ensign U.S.N.

Examined and found to be correct.

Le. K. Jennings
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. N.E.	N. N.E.	4			29-95	68	66	64		b.cw.	cir. cum	6	
2				"	"	4			29-94	68	65	63		b.cw.	none.	10	
3				North.	"	4			29-94	68	65	63		"	"	10	
4				"	N. by E.	4			29-94	68	64	63		b.cw.	cir. cum	6	
5				N. by W.	"	3			29-94	66	64	63		"	"	1	
6				N.N.W.	"	3-4			29-94	66	64	63		"	"	4	
7				North.	"	3-4			29-95	67	66	64		"	"	3	
8				N. by W.	N. N.E.	3-4			29-98	69	68	65		"	"	1	
9				W. N.W.	N.N.W.	3			29-97	70	71	68		"	"	3	
10				S.W.	W.S.W.	3			29-97	71	71	69		"	"	2	
11				N. W.	N.W.	2			29-97	71	71	69		"	"	2	
Noon.				W.S.W.	"	2			29-94	72	75	70		"	"	2	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 496 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2656 "

Coal consumed during the preceding 24 hours, tons 1080 lbs.

Coal remaining on hand at Noon, 130 " 480 .

P. M.																	
1				West.	N. S.W.	2			29-92	72	75	72		b.cw.	cir. cum	2	
2				"	"	2			29-91	72	74	72		"	"	1	
3				S.W. by W.	S.W. by W.	3			29-91	72	73	70		"	"	3	
4				E. by S.	"	2			29-90	72	73	71		"	"	2	
5				S.S.E.	"	1			29-89	74	73	71		"	"	2	
6				"	Calm	0			29-88	73	73	71		"	"	2	
7				"	"	0			29-87	74	73	70		"	"	2	
8				"	"	0			29-87	73	73	71		"	"	2	
9				E by S.	E.S.E.	1			29-87	73	74	71		"	"	1	
10				E.N.E.	"	2			29-87	73	73	71		"	"	1	
11				"	E.N.E.	2			29-87	73	72	70		"	"	1	
Mid.				N.E. by E	"	1			29-87	72	72	70		"	"	1	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday, November 16, 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant - barometer falling slowly gentle breeze from N.N.E. and N. by E. - Distilling - Stood 2½ hours, Steam water - A. Rasmussen (O.S.) and N. J. Mead (S.A.)

W. J. T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.

Cloudy. Gentle to moderate breeze from N. by E. At 7.45 made signal 6 to 69 and crossed light yards. Received on board for use of crew 93¾ lbs. each fresh beef and vegetables and 75 lbs bread - Distilling.

H. Jno. F. W. Hohmann
Lieut. U.S.N.

8 A.M. to Meridian

Fair and pleasant, moderate breeze from N.N.E. shifting to S.S.W. Mustered at quarters and exercised at sail drill. Received in Equipment Department five brass knobs; in Engineering Department, 2 Bbls Portland Cement; - 2 Bbls. Stacks lime; 1 Pint Muriatic acid; - 10 lbs. Whiting; 10 lbs Rice flour; 24 Sheets Sandpaper.

W. Ry Mason Feild.
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy and pleasant, barometer falling slowly - light to gentle breeze from E. by S. and E.S.E. By order of Commanding Officer discharged Oswaldus Clausen, Quartermaster from this vessel and the U.S. Naval Service, at his own request, waiving all claims to transportation and Consular aid; - and enlisted Vincent Vergil, as Landsman for Three years

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Clear and fine, gentle breeze to light airs from E.N.E. Made general signal 6143 and sent down topgallant and royal yards.

W. Ry Mason Feild.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant - barometer falling slowly - light to gentle breeze from E.N.E. and N.N.E.

W. J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut., Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	E.N.E.	1			29.85	72	72	70		b	none	10	
2				N.N.E	"	1			29.83	70	72	70		"	"	10	
3				N.by W	"	1			29.82	70	71	69		bc	Cum. Str.	9	
4				"	"	1			29.82	70	71	68		"	"	8	
5				North	"	2			29.84	70	71	68		"	"	8	
6				N.by W.	N.E.	1			29.89	70	68	64		b.o.m.	Cir. Cum. Str.	8	
7				S. by E.	S.E.	3-4			29.89	70	68	64		"	Cum/nim	1	
8				S.S.E	"	3-4			29.90	69	66	66		o.c.f.	"	0	
9				"	E.S.E	3			29.91	70	66	66		"	"	0	
10				N.N.E.	"	2			29.92	71	69	65		b.c.m	"	4	
11				E by S	"	2			29.93	71	70	69		"	"	4	
Noon.				South	S.S.E.	3			29.93	72	71	69		"	Cir. Cum.	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 490 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2164 "

Coal consumed during the preceding 24 hours, tons 1165 lbs.

Coal remaining on hand at Noon, 129 " 1555

P. M.																	
1				South	S.S.E.	3			29.92	72	71	69		bc	Cir. Cum. Str.	3	
2				N.E. by E.	"	3			29.92	72	71	69		"	"	4	
3				S.E.	"	3			29.91	72	72	69		"	"	5	
4				S.E. by E.	"	2			29.90	73	71	69		"	"	4	
5				"	W.S.W.	1			29.90	72	71	69		bafe.	Cir. Cum. Nim. Str.	2	
6				South	S.E.	2			29.90	72	72	69		"	Cir. Cum. Str.	1	
7				S.S.E.	S.S.E.	3			29.90	70	70	68		"	"	2	
8				"	"	3			29.90	70	68	67		"	"	6	
9				"	"	4			29.94	69	68	66		"	"	6	
10				"	"	4			29.97	70	67	65		o.c.m	"	0	
11				"	"	3			29.99	69	65	64		"	"	0	
Mid.				"	"	4			30.00	68	64	63		bcm	"	2	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, November 17, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant, with passing clouds first and last hours. Bright starlight Misty along the horizon. Moderate breeze from N.N.E. to N. by E.

W. Harden
Lieut. U.S.N.

4 to 8 A.M.
Cloudy and pleasant. gentle to moderate breeze from N. by E. and North. Made general signal 6143 and crossed topgallant yards

W. Ry Mason Field.
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy and pleasant - gentle to light breeze from N.N.W., W.S.W. and N.W. Barometer steady. Released F. Johnson. (Gf) from confinement by order of Commanding Officer. J. Larsson (Seaman), reported expiration of term of enlistment. Commanding Officer visited H.B.M.S. Sirius. Two caulkers from Gantic came over to assist Carpenters gang, - caulking the deck. Blacksmith making iron-work of starboard gangway. By order of Commanding Officer changed rate of F. E. Zimmerman from Seaman to Quartermaster from this date. At 9.30 General Quarters, Times as follows, viz;- 1st Division ready 2m 22s; 2d Division - 2m 30s; 3d Division 2m 25s; Navigators 1m; Powder 2m 35s; Engineers 45s; Marine Guard 35s; Paymaster's Department 1m.05s.
The Commanding Officer adjudged the following punishments, viz;- Coney J. (Private) 72 hours overtime, 4th class, 3 months and $2.50 Monthly Money;- Griffith T. (Private) 72 hours overtime, 4th class, 3 months and $2.50 Monthly Money;- Laird C. (Gf) 53 hours overtime, 4th class 3 months and $2.50 Monthly Money;- Mead W. (SA) Slow in obeying orders, Confinement 5 days bread & water, & 3d class 12 months; Barthly C. O.S. Gross disrespect to an officer - Confinement 5 days bread & water, on expiration of Meads confinement; & 2d class 1 month;- Sherlock R. (Private) Neglect of duty on post, - allowing boat to come alongside without hailing, Extra duty - 3 nights. Confined Mead (SA) in cell for 5 days, on bread & water. Gantic made Num. 0 - Num 3 - Num. 123.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy and misty but pleasant. Light to gentle breeze from W.S.W to S.W. by W. Carpenters, caulkers & blacksmith working as per forenoon watch. At 1.10 made General Signal 13 & exercised boats under oars. Quigley (Private) was given one hours exercise on deck, without irons, by order of Commanding Officer.

Harden
Lieut. U.S.N.

4 to 8 P.M.
Cloudy & pleasant - barometer falling - light airs from S.W. by W. & calms. Quarters at 5.00, absentees - Sent down topgallant yards at 6.20 Made general signal 6143 - 5422.

J. T. Newton
Lieut. U.S.N.
Navigator.

8 P.M. to Midnight. - Cloudy first half, clear, bright starlight last half Misty along horizon - Barometer steady. Light breeze to very light airs from E.S.E. to E.N.E.
The Italian gunboat Andrea Provana left the dry dock & returned to inner harbor.

Harden
Lieut. U.S.N.

Le. K. Lewis
Lieut. Nav.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	S.S.E.	4			30-01	67	63	61		o.c.	Cumi. Strati	0	
2				S.S.E.	"	3			30-01	67	62	61		be.	"	4	
3				"	"	3			30-01	66	61	60		"	Cr. Cum. Strati.	7	
4				"	"	4			30-01	66	61	60		"	"	7	
5				"	"	4			30-02	65	61	60		"	"	7	
6				"	"	4			30-03	60	61	59		"	"	5	
7				"	"	4			30-06	65	60	58		"	"	4	
8				"	"	4			30-09	64	60	58		"	"	3	
9				S.E.	S.E.	4			30-09	66	60	58		"	"	4	
10				"	"	4			30-09	67	60	58		"	"	4	
11				"	"	4			30-11	69	60	58		"	"	4	
Noon.				"	"	4			30-11	71	60	58		"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 534 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1630 "

Coal consumed during the preceding 24 hours, tons 1165 lbs.

Coal remaining on hand at Noon, 129 " 390 .

P. M.																	
1				E. S.E.	S.E. by S.	4			30-11	70	61	59		be.	air. cum.	6	
2				S.E. by E.	S.E. by E.	4			30-11	71	61	59		"	Cr. Cum. etc.	5	
3				"	"	4			30-11	71	62	59		"	"	6	
4				"	E. S.E.	4			30-11	71	61	58		"	"	6	
5				East.	E. by S.	4			30-09	71	62	58		"	"	6	
6				E. S.E.	"	4			30-09	71	61	58		"	"	6	
7				E. by S.	"	4			30-09	70	61	59		"	"	6	
8				E.S.E.	"	4			30-09	70	60	59		"	"	5	
9				"	"	4			30-09	70	60	59		"	"	6	
10				East.	E. by N.	3			30-08	70	61	60		"	"	7	
11				"	E. N.E.	3			30-08	70	61	59		"	"	7	
Mid.				E. N.E.	"	3			30-09	69	60	59		"	"	8	

under the command of W. W. Mead Commander, U. S. Navy,
Friday November 18, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Light airs from E.N.E. -
Private R. Sherlock stood extra watch by order of Commanding Officer.

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear first part - cloudy or overcast latter part - barometer rising - light airs to moderate breeze from Ed. Received in Pay Department - 75 lbs soft bread 93¾ lbs each beef and vegetables. Made general signal 6143 and crossed topgallant yards.

W. J. Hamilton
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy and misty, foggy first hour. Light to gentle breze from E. by E. to S. by E. At 9.30 inspected at quarters and exercised 2d Company as infantry and 3d Company as artillery. By order of Commanding Officer, upon recommendation of the Surgeon, Private J. Langley was made a prisoner at large awaiting trial by courtmartial. The term of confinement of Chas Dorthy (Os.) was reduced from 5 to 2 days by order of Commanding Officer. Transferred 6 boxes tobacco to U.S.S. Yantic. Commanding Officers of H.B.M.S. Sirius and Magpie paid official visits to this ship.

[redacted]
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy. Gentle breezes from S.S.E. Transferred 6 mattresses to the U.S.S. Yantic. Made signal 2984 to Yantic at 1.10 At 1.15 Yantic made signal Interrogatory 6183. Answered affirmative. Brought to starboard chain. Hove up starboard anchor - let go port; - sighted starboard anchor and found it clear -; hove up port and let go starboard anchor.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Cloudy - pleasant weather. Very light passing shower at 4.30. Light airs to moderate breeze from S.S.E. to S.S.W. Veered to 45 fathoms starboard chain. At 6.15 mustered at quarters.

[redacted]
Lieut. U.S.N.

8 P.M. to Midnight.
Overcast and cloudy most of watch. Gentle and moderate breeze from S.S.E.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

[redacted]
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	E.N.E.	2			30-09	67	59	58		bw	none	10	
2				N.E.	N.E.	2			30-07	66	59	57		"	"	10	
3				"	"	2			30-06	66	59	57		"	"	10	
4				"	"	2			30-05	66	59	57		"	"	10	
5				"	"	2			30-05	66	59	57		bc	cir. cumu.	8	
6				"	E.N.E.	2			30-06	63	59	57		bcmc	cir. cumu.	9	
7				N.E. by E	"	3			30-08	64	61	58		"	"	8	
8				E. by N.	"	3-4			30-08	63	62	59		"	"	8	
9				S.E. by E.	N.E. by E.	3-4			30-06	64	64	61		"	"	6	
10				E. by S.	N.E.	3-4			30-06	69	66	63		"	"	6	
11				East	E.S.E	3-4			30-05	69	67	64		"	"	4	
Noon.				S.E. by E	"	3-4			30.05	69	67	64		"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " . ° ′ ″

Water expended during the preceding 24 hours, 393 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1237 "

Coal consumed during the preceding 24 hours, tons 20 15 lbs.

Coal remaining on hand at Noon, 128 " 615.

P. M.																	
1				S.E.	E.S.E.	4			31-04	70	67	65		bc	cir. cumu.	5	
2				E.S.E.	"	4			30-03	70	66	64		"	"	2	
3				S.E.	"	4			30-02	70	65	64		bcmc	"	1	
4				"	"	4			30-01	69	65	63		cum.	cum. str.	0	
5				E.S.E.	"	4			30-01	69	64	63		"	"	0	
6				"	"	4			30-01	69	64	63		"	"	0	
7				"	"	5			30-00	68	64	63		"	"	0	
8				"	"	4			29-99	68	64	63		o. c. d	cum. nim.	0	
9				E by S	East	3			29-98	67	64	63		rep.	"	0	
10				"	"	3			29-98	67	65	64		"	"	0	
11				S.E.	N.E.	4			29-97	67	65	64		"	"	0	
Mid.				E by N.	"	3			29-97	65	65	63		"	"	0	

under the command of W. H. Reed, Commander, U. S. Navy,
Saturday, November 19, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Overcast first part, clearing last part. Moderate to gentle S.S.E. breeze.

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Partly cloudy pleasant weather. Moderate breeze and sea from S.S.E.

F. T. Wilcox
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy. Moderate breezes from S.E. The following men reported that their times expire to-day - B. Bertelsen (Sea), J. J. Brenahan (Jack of Dust), M. Driscoll (2d class Fireman), Jere Dwyer (Coal Heaver), Land Chs (Capt. Top), The Yantic made the following signal at 9a numeral 0 - at 10a numeral 3 and at 12 00 numeral 20.

C. M. Wilcox
Ensign U.S.N.

Meridian to 4 P.M.
Fair. Moderate breeze from S.E. by S. to E.S.E. Officer from Italian gunboat "Provana" came to ask us to dress ship tomorrow in honor of birthday of Queen of Italy.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Fair. Moderate breezes from E. by S. An officer from the Yantic reported that he had boarded the Spanish gunboat Calon.

C. M. Wilcox
Ensign U.S.N.

8 P.M. to Midnight.
Clear. Moderate to light breeze from E. by S. to E.N.E.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	E.N.E.	2			29-97	65	64	63		o.c.	cum. str.	0	
2				North	North.	1			29-96	66	63	62		b.c.	"	3	
3				"	"	1			29-96	66	64	63		"	"	8	
4				"	"	1			29-96	66	64	62		"	"	7	
5				N.N.W.	"	1			29-96	66	64	63		b.c.m.	"	7	
6				N.W.	"	1			29-97	65	63	62		"	"	8	
7				"	W.N.W.	1			29-97	65	63	62		b.m.	none	10	
8				S.W.	S.W.	1			29-96	65	64	63		"	"	10	
9				"	"	1			29-96	67	65	64		b.c.m.	cum	9	
10				"	"	1			29-96	68	67	65		"	"	9	
11				S.S.W.	S.S.W.	1			29-96	68	67	66		"	"	9	
Noon.				South	"	1			29-96	69	68	66		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 420 gallons.

Water distilled during the preceding 24 hours, 1983 "

Water remaining on hand fit for use at Noon, 2800 "

Coal consumed during the preceding 24 hours, 1 tons 710 lbs.

Coal remaining on hand at Noon, 126 " 2145

P. M.																	
1				S.E.by.S.	S.S.W.	2			29-95	70	69	67		b.c.	cir. cum.	7	
2				W.by N.	South.	3			29-92	69	69	67		"	cir. cum. str.	7	
3				S.W.	"	3			29-92	69	69	68		"	"	7	
4				W.N.W.	"	2			29-90	69	69	68		"	"	7	
5				S.W.	S.S.E.	2			29-90	70	69	67		"	"	5	
6				N.E.	E.S.E.	1			29-85	70	69	67		"	"	2	
7				E.by.S.	S.E.	2			29-85	71	69	67		"	"	4	
8				S.E.	"	1			29-85	71	69	67		"	"	5	
9				"	E.S.E.	1			29-85	70	70	68		b.c.	"	8	
10				E.S.E.	"	1			29-85	70	70	68		"	"	9	
11				S.S.E.	South				29-87	70	69	67		"	"	8	
Mid.				S.E.	"	1			29-87	69	69	67		b.c.w.	"	9	

4-265

under the command of W. W. Mead Commander, U. S. Navy,
Sunday, November 20, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M

Clear and pleasant. Heavy dew. Light breeze from E.N.E to N.E.

H. Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Light to moderate breezes from N.E. & E.N.E. Executed morning orders. Made routine signals as per signal record. Dressed ship rainbow at 8.00. Received in Pay Department 93¾ lbs. of fresh beef and vegetables and 75 lbs. bread.

Crms D. M. Malone
Ensign U.S.N.

8 A.M. to Meridian.

Cloudy. Gentle to very fresh breze from N.E by E to E.S.E. At 1.31 came a very fresh squall from the Fort which only lasted about one minute. At 9.30 Commanding Officer inspected crew at quarters and the ship. Officer from Colon came to return thanks for boarding visit.
The following men reported expiration of terms of enlistment, viz; Bulis Peter (Seaman) Sliney J. (Seaman) Clark A. 2d Class Fireman.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy. Moderate breeze from E.S.E. The Commanding Officer of the Colon paid an official visit. Transferred Private H. A. Jones to the British Hospital. Sent on liberty party on shore.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.

Overcast. Moderate to stiff breeze from E.S.E. At 4.13 started distilling. Boarding officer from H.B.M.S. Magpie informed us of their departure for Buenos Ayres to-morrow. At 6.15 mustered at quarters.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.

Overcast. Raining first hour. Gentle to moderate breeze from East to N.E. Distilling.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

M. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	E.N.E.	2			29-97	65	64	63		o.c.	cum. str.	0	
2				North	North.	1			29-96	66	63	62		b.c.	"	3	
3				"	"	1			29-96	66	64	63		"	"	8	
4				"	"	1			29-96	66	64	62		"	"	7	
5				N.N.W.	"	1			29-96	66	64	63		b.cm.	"	7	
6				N.W.	"	1			29-97	65	63	62		"	"	8	
7				"	W.N.W.	1			29-97	65	63	62		b.m.	none	10	
8				S.W.	S.W.	1			29-96	65	64	63		"	"	10	
9				"	"	1			29-96	67	65	64		b.cm.	cum	9	
10				"	"	1			29-96	68	67	65		"	"	9	
11				S.S.W.	S.S.W.	1			29-96	68	67	66		"	"	9	
Noon.				South	"	1			29-95	69	68	66		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 420 gallons.

Water distilled during the preceding 24 hours, 1983 "

Water remaining on hand fit for use at Noon, 28000 "

Coal consumed during the preceding 24 hours, 1 tons 710 lbs.

Coal remaining on hand at Noon, 126 " 2145

P. M.																	
1				S.Sly.S.	S.S.W.	2			29-95	70	69	67		b.c.	cir. cum.	7	
2				W.by N.	South.	3			29-94	69	69	67		"	cir. cum. str.	7	
3				S.W.	"	3			29-92	69	69	68		"	"	7	
4				W.N.W.	"	2			29-90	69	69	68		"	"	7	
5				S.W.	S.S.E.	2			29-90	70	69	67		"	"	5	
6				N.E.	E.S.E.	1			29-85	70	69	67		"	"	2	
7				E.by S.	S.E.	2			29.85	71	69	67		"	"	4	
8				S.E.	"	1			29.85	71	69	67		"	"	5	
9				"	E.S.E.	1			2985	70	70	68		b.c.	"	8	
10				E.S.E.	"	1			29.85	70	70	68		"	"	9	
11				S.S.E.	South				29-87	70	69	67		"	"	8	
Mid.				S.E.	"	1			29-87	69	69	67		b.c.w.	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, November 21, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A. M.
Cloudy, then clearing; — light breeze from E.N.E. light airs from North. Distilling

W. Pz Mann Feld.
Ensign U.S.N.

4 to 8 A.M.
Clear. Light airs from the North to S.W. Received in Pay Department — 7# lbs Bread @ 92½ lbs each fresh beef and vegetables — Distilling.

W. Pz Mann Feld.
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs from S.W. to S.S.W. At 9.30 mustered at quarters and drilled according to routine. Engaged in caulking deck. two carpenters coming aboard from the Yantic to assist, and in making new platform for accomodation ladder. Sold contents of lucky bag at auction. Transferred 150 lbs soap from Provisions & Clothing to Equipment. P. Dwyer (Boy) reported his term of enlistment as having expired. The Magpie went out, standing up the river. Received an official visit from the Andrea Provana, giving thanks for dressing ship yesterday. The Commanding Officer, paid an official visit to the Colon. Distilling. The Yantic made signals. at 9^00, numerals 0; at 10^00 numerals 3, and at 12^00 numerals 120.

H. Purp Lt W Holmes
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine, light to gentle breeze from S.S.W. & South. Exercised Engineers Division at small arms; Reserves at at setting up exercises; Apprentices, Coxswains & Quartermasters at signalling. Carpenters at work caulking decks and Blacksmith making new starboard gangway. Made general signal 29 8#, to Yantic, and piped down scrub & wash clothes. Distilling.

W. Pz Mann Feld.
Ensign U.S.N.

4 o'clock to 8 P.M.
Cloudy to fair. Light to gentle breeze from between South and E.S.E. Stopped distilling. The Andrea Provana went up the river. At 6.15 mustered at quarters. At 6.20 made signal 60 68. At 6.25 sent down light-yards.

Purp Lt W Holmes
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant, light airs from E.S.E. & South.

W. Pz Mann Feld.
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

4-365

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South	S.E.	3			29-87	69	69	67		b.c.w.l.	cum. nim	4	
2				N.E.	N.E.	3			29-86	69	69	67		"	"	4	
3				E.by N.	"	4			29-84	69	67	65		o.c.l.	"	0	
4				North.	North	2			29-84	68	66	64		"	"	0	
5				W.by N.	West.	2-3			29-84	68	66	65		o.c.p.l.	nim.	0	
6				N.N.W.	N.N.W.	2-3			29-86	65	64	63		o.c.r.	"	0	
7				N by W.	"	2-3			29-86	66	64	63		"	cum. nim. str.	0	
8				N.W.by N.	"	3			29-86	66	64	63		o.c.d.	"	0	
9				West.	N.W.	2			29-85	66	65	64		o.c.p.	cir. cum. nim.	0	
10				South.	S.W.	2			29-86	70	66	65		"	"	0	
11				S.S.E	"	1			29-86	70	67	66		b.c.p.	"	2	
Noon.				"	S.S.W.	2			29-86	72	66	65		b.c.	cir. cum.	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 422 gallons.

Water distilled during the preceding 24 hours, 550 "

Water remaining on hand fit for use at Noon, 2928 "

Coal consumed during the preceding 24 hours, tons 1675 lbs.

Coal remaining on hand at Noon, 126 " 470

P. M.																	
1				South.	S.S.W.	2			29-86	70	66	64		b.c.	cir. cumc.	4	
2				S.S.E.	"	2			29-85	72	69	67		"	"	2	
3				S.W.	South.	2			29-84	72	69	66		b.o.f.	cumc. nim.	4	
4				S.S.W.	"	2			29-84	72	69	65		b.c.p.	"	2	
5				"	"	2			29-84	72	67	64		b.c.	"	5	
6				S.E.by S.	S.E.	2			29-84	72	67	64		"	"	8	
7				S.by E.	S.S.E.	1			29-84	72	67	65		"	"	8	
8				S.S.E.	"	2			29-83	70	66	64		"	"	8	
9				"	"	2			29-86	70	65	64		f.	none	10	
10				"	"	2			29-87	69	65	64		b.c.	cum. str.	9	
11				S.E.by E.	S.E.by E	2			29-87	69	65	63		b.c.	"	8	
Mid.				S.E.	E.S.E.	2			29-87	66	65	63		"	"	7	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, November 22, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.

Cloudy - overcast latter part - lightning to Wd. - barometer falling - gentle to light breeze veering from S.E. to North. Private R. Sherlock stood 2 hours extra watch.

J. T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.

Overcast. Raining first part with distant lightning in the N. N.W. first hour. Light drizzle last hour. Light to gentle breeze from West first hour backing to N.N.W. after that.

Geo. L. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.

Overcast then clearing - light breeze from N.N.W. shifting to S.W. Mustered at quarters - and exercised 1st Division General instruction; 2nd Division great guns; Marines infantry; Powder Division, stations; 3rd Division great-guns; Released M. J. Mead (S.A.) from confinement and confined C. Boothby (O.S.) for two days on bread and water. The Jantic made routine signals.

Carpenters at work caulking decks & Blacksmith at work on gangway.

W. B. Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy and pleasant. barometer falling slowly. light breeze from S.S.W. Smith Heavy clouds and distant thunder to Sd. Exercised the Marines, and 2d Company at setting up. Boarded the American barque Nellie Brett. 2 caulkers from Jantic came over to assist Carpenter's gang caulking deck. Blacksmith working on starboard gangway iron work.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Clear and fine, light breeze to light airs from South to S.E.

W. B. Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant. barometer rising - Light breeze from S.E. by E. and E.S.E. - Lightning to Wd.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

A. K. Lamson
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	North.	1			29-87	66	65	63		h. c. l.w.	cir. cumu.	6	
2				S.E.	N.N.W.	2			29-87	65	64	63		"	"	8	
3				N.N.W.	"	2			29-87	63	60	60		l.w.	none	10	
4				"	N.W.	2			29-87	64	59	59		l.m.w.	"	10	
5				North.	N.N.W.	2			29-88	63	58	57		l.c.	cumu.	9	
6				N. by W.	"	2			29-89	65	60	59		"	"	9	
7				"	"	2			29-90	65	63	60		"	"	9	
8				W. by N.	West.	3			29-91	66	65	63		"	"	9	
9				S.W.	W.S.W.	3			29-90	69	67	65		"	"	8	
10				South.	"	3			29-90	69	69	66		"	"	8	
11				S.S.E.	"	3			29-90	70	70	66		"	"	8	
Noon.				S by W.	"	3			29-90	71	70	66		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 416 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2512 "

Coal consumed during the preceding 24 hours, tons 1930 lbs.

Coal remaining on hand at Noon, 125" 780.

P. M.																	
1				S.W.	W.S.W.	3			29-91	71	70	66		h.c.	cir. cum.	8	
2				"	"	2			29-90	72	70	66		"	"	9	
3				W.S.W.	"	2			29-90	73	71	66		"	"	8	
4				"	West.	2			29-89	73	72	67		"	"	8	
5				"	"	2			29-88	73	71	67		"	"	8	
6				"	W.N.W.	2			29-87	73	72	67		"	"	8	
7				"	"	2			29-86	72	72	68		"	"	8	
8				S.W.	N.W.	2			29-86	71	71	68		"	"	8	
9				S. by E.	"	3			29-86	70	69	66		"	"	9	
10				S.S.E.	"	3			29-85	69	68	65		"	"	9	
11				S. by W.	"	3			29-85	68	67	63		h.c.	"	9	
Mid.				W.N.W.	"	4			29-84	67	67	63		"	"	9	

under the command of W. W. Mead, Commander, U. S. Navy,
Wednesday, November 23, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Partly cloudy with lightning to S'd. and W'd first two hours. Clear bright starlight last two hours. Steady dew. Light airs to light breeze from North to N.W.

W. F. Wilson
Lieut. U. S. N.

4 to 8 A.M.
Clear and fine, light breeze from N.N.W. Bent light sails. Made dress signals and made general signal 60.69. At 8.00 crossed light yards. Received in Pay Department 74 lbs. soft bread, 92½ lbs. fresh beef and 92½ lbs vegetables

F. W. Rayneau Field.
Ensign U. S. N.

8 A.M. to Meridian
Clear and pleasant - barometer steady - gentle breeze from W.S.W. At 9.30 quarters - afterwards battalion drill. Made 54 55 - and loosed sail. Yeoman made Numeral 0 - Numeral 4 - Numeral 119. Caulking fore and aft forecastle - two carpenters from Yantic assisting Blacksmith making gangway iron-work - Sailmaker working on forecastle awning.

N. J. Newton
Lieut. U. S. N.

Meridian to 4 P.M.
Clear and pleasant. Light to gentle breeze from W.S.W. to West. At 1.00 made general signal 4826, and furled sail.

W. F. Wilson
Lieut U.S.N

4 to 8 P.M.
Clear and pleasant - barometer falling slowly - light breeze from W'd. Quarters - no absentees. Received in Engineer's Department 60 ft. chain for safety valve.

N. J. Newton
Lieut. U. S. N.

8 P.M. to Midnight
Clear bright starlight. Moon set about 10.40 Gentle to moderate breeze from N.W.

W. F. Wilson
Lieut. U.S.N.

Examined and found to be correct.

H. K. Hunter
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	N.W.	4			29-81	66	66	62		b.c.	cum. str.	9	
2				"	"	4			29-80	66	65	62		"	"	9	
3				"	"	4			29-79	66	65	62		"	"	8	
4				"	"	4			29-78	66	65	62		"	"	7	
5				W.N.W.	W.N.W.	4			29-78	67	66	62		"	cum	9	
6				"	"	4			29-79	68	67	62		"	"	9	
7				W.by.N.	"	4-5			29-81	71	69	64		b.g	none	10	
8				W.N.W.	W.by.N.	4-5			29-80	71	71	65		"	"	10	
9				West.	"	4-5			29-80	71	72	67		"	"	10	
10				W.by.S.	"	4-6			29-80	72	72	68		"	"	10	
11				S.W.	"	4-6			29-80	73	73	69		"	"	10	
Noon.				W.by.W.	W.by.S.	4-6			29-80	74	74	69		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 432 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 26 80 "

Coal consumed during the preceding 24 hours, tons 1165 lbs.

Coal remaining on hand at Noon, 124 " 1855.

P. M.																	
1				W.S.W.	W.by.S.	4-6			29-74	75	75	70		b.q.m.	cir.cum.	9	
2				"	"	4-5			29-75	76	76	71		"	"	9	
3				S.W.by.S.	W.S.W.	4			29-79	75	76	72		b.m.	"	8	
4				S.S.E.	S.S.E.	4-6			29-85	76	70	66		"	"	8	
5				"	"	4-5			29-86	74	70	64		"	"	8	
6				"	"	4-5			29-88	73	68	63		"	"	9	
7				S.E.by.S.	S.E.by.S	4-5			29-88	72	66	63		"	"	7	
8				"	"	4-5			29-90	71	67	60		"	"	7	
9				S.S.E.	"	3			29-90	69	64	61		f	none	10	
10				"	"	3			29-90	68	63	60		"	"	10	
11				S.by.S	S.E.	2			29-90	68	63	60		"	"	10	
Mid.				S.E.	S.S.E.	3			29-90	67	63	60		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Thursday, November 24, 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Clear and pleasant; moderate breezes from N.W.

C. M. Stone
Ensign U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Moderate to stiff breeze from W.N.W. to W. by N.

Geo. L. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Moderate to strong breeze with moderate squalls from W. by N. to W. by S. At 930 inspected at quarters. Yantic made routine signals - numerals - 0 - 4 - 119. Chas Boothby (O.S.) was released from confinement and restored to duty by order of Commanding Officer.

F. H. Prince
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant - hazy - Moderate to fresh breezes from W. by S. and W.S.W. - shifting to S.S.E. in last hour - Sent liberty party on shore

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - Moderate to stiff breeze from S.S.E. to S.E. by S. Misty.

F. H. Prince
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant - Light and gentle breezes from S.E. by S. to E.S.E.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

A. K. Curtis
Lieut. Navigator.

4-205

LOG of the UNITED STATES

Steamer Essex, 3d Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by S.	E.S.E.	2			29.91	65	63	2		b.	none	10	
2				"	"	2			29.90	65	64	2		"	"	10	
3				E by N.	N.E.	2			29.89	65	64	2		b.c.	cir.cum	9	
4				N.E.	North.	2			29.88	63	63	2		"	"	9	
5				N.N.W.	"	2			29.89	64	60	59		bm.	nonk	10	
6				N. by W.	"	3			29.90	60	59	58		"	"	10	
7				North.	"	3			29.90	62	60	59		"	"	10	
8				N. by E.	"	2			29.91	63	62	61		"	"	10	
9				North.	"	2			29.91	67	65	61		"	"	10	
10				N.E. by E.	"	2			29.90	68	69	61		b.c.	cir cum	9	
11				"	"	1			29.87	69	73	65		"	"	9	
Noon.				S.E.	"	1			29.85	71	74	66		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 480 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1600 "

Coal consumed during the preceding 24 hours, tons 1/65 lbs.

Coal remaining on hand at Noon, 124 " 690

P. M.																	
1				S.E. by E.	S.S.E.	2			29.84	77	74	68		b.c.	cir. cum.	9	
2				E.S.E.	S.E.	2			29.81	74	74	69		"	"	8	
3				"	"	2			29.78	74	75	69		"	"	8	
4				"	E.S.E.	1			29.78	73	76	70		"	"	8	
5				East.	E by S.	2			29.72	77	76	70		"	"	6	
6				N.E.	N.E. by E.	2			29.70	77	77	71		"	"	7	
7				N.N.E.	N.E. by N.	2			29.66	75	76	70		"	"	7	
8				"	N.N.E.	2			29.65	74	74	70		b.c.l.	Cir. Cumm. Nimbi.	7	
9				"	North.	1			29.65	75	74	70		"		7	
10				North	N.N.W.	2			29.65	74	74	69		b.c.r.c.		1	
11				West.	West.	5-6			29.69	74	73	68		b.c.	Cir. Cumm. Nimbi.	1	
Mid.				N.W.	N.W.	2-6			29.67	74	73	68		b.c. l.h.	Cir. Cumm. Nimbi.	1	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday, November 25, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Light breeze from E.S.E. to the North.

W. O. Hulme
Ensign, U.S.N.

4 to 8 A.M.
Clear and pleasant. Misty along horizon. Light to gentle breeze from North. Made time and uniforms signals 3350-3955 and 6375. Received 92½ lbs fresh meat, 92½ lbs vegetables and 74 lbs soft bread. in Pay Department.

W. O. Hulme
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs and breezes from North. At 9.30 mustered at quarters. A. Clark, (2d class Fireman) was absent without leave. Exercised at sail drill. made signals to Yantic during drill as per signal read. The Yantic made the following signal. At 9.00 numeral 0. at 10.00 numeral 3. at 12.00 numeral 117. J. H. Spear (Capt. F.C.) reported the expiration of his time.

C. W. Stone
Ensign, U.S.N.

Meridian to 4 P.M.
Clear. Light breeze to light airs from S.S.E. to E.S.E. Exercised 3rd Company and Marines at setting-up exercises.

W. O. Hulme
Ensign, U.S.N.

4 to 8 P.M.
Fair. Light breezes from E. by S. first hour and N.E. by E. to N.N.E. last part. At 6.15 mustered at quarters. A. Clark. (2d class Fireman) was absent without leave. Made signal 143 at 6.20 sent down light yards and signal 5422 ambent light sail.

C. W. Stone
Ensign, U.S.N.

8 P.M. to Midnight.
Cloudy and threatening. Sharp and almost constant lightning to W. passing to N. and E. Light airs to light breeze from North to N.W. with a moderate squall from West between 10 and 11.30. Light passing shower at 11.30. Let go port anchor under foot.

W. O. Hulme
Lieut. U.S.N.

Examined and found to be correct.

E. K. Hunt
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d **Rate,**

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. N. W.	North.	1			29-60	63	73	69		b.c. l.	cir. cum	6	
2				N. by W.	N. N. W.	1			29-60	73	72	68		"	"	6	
3				South.	"	3			29-60	72	71	67		"	"	4	
4				N. W.	"	3			29-60	70	69	67		"	"	1	
5				N. by W.	"	2-3			29-60	71	69	67		"	"	4	
6				N. W. by N.	N. W.	2-3			29-62	69	67	65		o. c. l. p. t.	cum. nim.	0	
7				N. W. by W.	W. N. W.	3-4			29-62	70	68	65		l. c. q. l. t. r.		4	
8				W. by S.	"	3-4			29-63	71	70	65		l. c. q. t. p.	cir. cum. nim.	5	
9				West.	West.	4			29-63	74	74	68		l. c.	cir. cum.	7	
10				W. by S.	"	4-5			29-62	73	72	67		l. c. q.	"	6	
11				"	W. by S.	4-5			29-62	72	72	67		"	"	7	
Noon.				"	"	4-5			29-63	73	73	67		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: { Latitude by D. R. ° ′ ″ ; Longitude by D. R. ° ′ ″ ; Latitude by observations of ⊙ ° ′ ″ ; Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Position at 8 P. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 465 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1135 "

Coal consumed during the preceding 24 hours, 1 tons 30 lbs.

Coal remaining on hand at Noon, 123 " 660 "

P. M.																	
1				W. S. W.	W. S. W.	4-5			29-63	74	74	68		b.c.q.	cir. cum.	8	
2				S. W.	S. W.	5-6			29-64	75	73	68		"	"	7	
3				S. S. W.	S. S. W.	3-4			29-65	74	72	67		"	"	6	
4				"	"	4-5			29-68	74	70	66		b.c.q.r.	cir. cum. nim.	4	
5				"	"	4-6			29-72	74	68	62		b.c.q.m.	"	5	
6				"	"	5-7			29-76	72	66	60		"	"	4	
7				"	"	5-9			29-78	68	62	57		"	"	4	
8				"	"	5-9			29-83	68	61	57		"	"	6	
9				South.	"	6-8			29-89	65	59	56		b.c.q.	cum. nim.	3	
10				S. S. W.	"	6-8			29-92	68	59	55		"	"	3	
11				"	"	6-8			29-95	68	58	54		"	"	4	
Mid.				"	"	6-8			29-96	67	57	53		"	"	4	

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, November 26, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear clouding over latter part. barometer steady light airs to gentle breeze from North and N. NW. Elbow in hawse. Starboard chain on top.

J. J. Newton
Lieut. U.S.N.

4 to 8 A.M.
Cloudy with rain. Thunder and lightning. to N'd. and W'd. Light to moderate breezes from N.N.W. to W.N.W. Executed morning orders. Made signal 6.44 to Yantic and crossed topgallant yards at 7.50. Got up port anchor

C.M.S. Clarkson
Ensign U.S.N.

8 A.M. to Meridian
Clear. Moderate to stiff breeze from the West to N. by S. At 10.15 started distilling. Routine signals as per record. Absent without leave Clark A. (2d class Fireman).

W. O. Bulmer
Ensign U.S.N.

Meridian to 4 P.M.
Clouding over. Gloomy all around the Western horizon with very heavy showers in that direction. Gentle to moderate breeze with stiff to fresh squalls from W.S.W. handing to S.S.W. Sent a liberty party ashore. Distilling. Inspected dry gun cotton.

H. George F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy. Passing shower first hour. Moderate breeze to strong gale in squalls from S.S.W. At 5.40 ship showed signs of dragging, so let go port anchor under foot and few minutes later veered to 30 fathoms on port chain, and to 60 fathoms on starboard chain. Secured boats and battery for sea. At 5.55 started fires under two after boilers. At 6.00 made 6.44 to Yantic and housed Topgallant masts. Braced up yards. Made preparations to get underway as we were so near the bark China as to be in danger of fouling her. At 7.40 called all hands up anchor and began heaving in, keeping ship up to the anchor with engine.

W. O. Bulmer
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Moderate gale blowing in squalls from S.S.W. Broke ground at 8.07, and shifted anchorage to the Southward, anchoring in 22 feet of water, with both bowers, veering to 60 fathoms on the starboard chain and 30 fathoms on the port chain. Banked fires under three boilers. At 9.15 veered to 75 fathoms on the starboard chain and 45 fathoms on the port. Distilling. Half cross in hawse, starboard chain on top. Bearings from anchorage. El Cerro (mag) W.N.W. ½ W. Custom House Landing E. ½ N. - Ships head S. by E. ½ E.

H. George F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. M. Lemly
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.W.	S.SW.	6-7			29.92	67	56	53		b.c.	cir. cum	4	
2				"	"	6-7			29-94	66	56	52		"	"	7	
3				"	"	6-7			29-94	66	56	51		"	"	7	
4				"	"	3-4			29-95	66	56	51		"	"	8	
5				"	"	3-5			29-95	65	56	52		"	"	9	
6				S. by W.	S. Wye.	3-5			29-96	62	57	52		"	"	9	
7				"	"	3-5			29-98	64	57	53		"	"	9	
8				W.S.W.	"	3-5			29-99	68	58	53		"	"	9	
9				W. by N.	SW.	3			29-99	65	58	54		b	none	10	
10				W.S.W.	"	3			29-99	67	59	54		"	"	10	
11				"	W.S.W.	2			29-99	72	60	53		"	"	10	
Noon.				SW.	W. by S.	3			30-00	73	61	55		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″
Longitude by D. R. ° ′ ″
Latitude by observations of ⊙ ° ′ ″
Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″
Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 485 gallons.

Water distilled during the preceding 24 hours, 2262 "

Water remaining on hand fit for use at Noon, 2912 "

Coal consumed during the preceding 24 hours, 2 tons 1445 lbs.

Coal remaining on hand at Noon, 120 " 1455

P. M.																	
1				S.W.	West.	3			29-79	71	63	58		b.c.	Cir. Cum. Str.	6	
2				S.S.W.	"	4			29-80	70	64	59		"	"	4	
3				West.	"	4-5			29-93	70	65	58		b.c.y.	"	4	
4				W.N.W.	W.NW.	4-5			29-87	71	68	60		"	Cir. Cum.	4	
5					"	4-6			29-82	71	70	60		"	"	6	
6					"	4-6			29-79	71	70	61		"	"	7	
7					"	3-4			29-78	71	69	61		"	Cir. Cum. Str.	5	
8				N.W. by W.	N.W by W.	3-4			29-78	71	68	61		b.c.g.p.	Cir. Cum. Nim.	2	
9				West.	W. by S.	3-5			29-79	71	69	62		b.c.y.l.	"	6	
10				W. by S.	"	3-5			29-80	71	68	62		b.c.y.	Cir. Cum.	9	
11				S.W.	"	3-5			29-81	70	68	63		"	"	9	
Mid.				West.	"	3			29-80	71	68	64		b.c.	"	4	

4-265

under the command of W. W. Mead, Commander, U. S. Navy,
Sunday, November 27, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and fine; stiff breeze to moderate gale from S.S.W. The Tampa moderating slightly. Fires banked under three boilers. Distilling

W. Roy Mann Jr.
Ensign, U.S.N.

4 to 8 A.M.
Clear. Gentle to stiff breeze from S.S.W. to S.W. by S. Hove up port anchor and in to 45 fathoms on starboard chain. Executed morning orders. At 7.40 crossed Topgallant yards. Signals as per record. Received in Pay Department - 74 lbs. soft bread and 92½ lbs. each Beef and Vegetables - Clark A. (2d cl. Fireman) returned on board 45 hours overtime and drunk. Fires banked under three boilers. Distilling.

W. O. Barlow
Ensign, U.S.N.

8 A.M. to Meridian
Clear and pleasant. Gentle to light breeze from S.W. to W. by S. At 9.30 the Commanding Officer inspected the ship and the crew at quarters. Hauled fires under two boilers, leaving fires banked under the distilling boiler. Distilling. The Yantic made signals: at 9.46 Numeral 1; at 10.2d Numeral 2; and at 12.00 Numeral 11. At 10.40 made signal 6375 to Yantic.

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Fair and pleasant - gentle to stiff breeze from S.W. to W. Sent liberty party on shore. Hoisted out steam launch. Distilling.

W. Roy Mann Jr.
Ensign, U.S.N.

4 o'clock to 8 P.M.
Clouding over from the S'd and W'd. Moderate to gentle breeze with fresh to moderate squalls from W.N.W. to N.W. by W. At 6.15 mustered at quarters. At 6.50 sent down topgallant yards. Hoisted steam launch. Stopped distilling. At 6.45 signalled Yantic 6143. Answered.

Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine - gentle to stiff breeze from W. by S.

W. Roy Mann Jr.
Ensign, U.S.N.

Examined and found to be correct.

H. H. Lemly
Lieut. - Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	N.W.	4			29-80	70	68	64		b.c.	cir. cumu	8	
2				West.	"	4			29-79	68	62	59		"	"	8	
3				N.W.	"	4			29-78	67	61	57		"	"	8	
4				"	"	4			29-77	67	61	57		"	"	8	
5				N.W. by N.	"	4			29-77	67	60	56		"	"	8	
6				N.W.	"	4			29-77	63	62	58		"	"	8	
7				W.N.W.	W.N.W.	4-5			29-78	67	64	60		"	"	9	
8				N.W. by W.	"	5-6			29-79	78	64	63		b.c.q.	"	9	
9				West.	West.	5-6			29-82	69	67	62		"	"	9	
10				"	"	3-4			29-84	69	68	63		b.q.	none	10	
11				W.S.W.	W. by S.	3-4			29-85	69	69	65		"	"	10	
Noon.				"	"	3-4			29-87	70	70	65		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 478 gallons.

Water distilled during the preceding 24 hours, 458 "

Water remaining on hand fit for use at Noon, 2992 "

Coal consumed during the preceding 24 hours, tons 15 05 lbs.

Coal remaining on hand at Noon, 119 " 2190

P. M.																	
1				S.S.W.	S.W.	2			29-86	70	70	67		bm.	none	10	
2				S.S.E.	S.S.E.	2			29-86	72	70	65		"	"	10	
3				S.E.	"	2			29-86	71	69	63		"	"	10	
4				E.S.E.	S.E.	3			29-87	72	68	63		"	"	10	
5				E. by S.	E. by S.	3			29-89	71	68	62		"	"	10	
6				N.E. by E.	E.N.E.	3			29-89	72	67	62		"	"	10	
7				E.N.E.	N.E.	3			29-88	69	66	61		"	"	10	
8				N.E.	"	3			29-88	68	65	61		"	"	10	
9				"	"	2			29-88	68	65	60		"	"	10	
10				"	"	2			29-88	68	64	59		"	"	10	
11				North.	"	2			29-88	66	63	59		"	"	10	
Mid.				"	"	2			29-87	66	62	58		"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, November 28, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Clear and pleasant - barometer falling slowly. moderate breeze from N.W.

J. T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant - Moderate to stiff breezes from N.W. hauling to W.N.W. with stiff to fresh squalls latter part. Received on board for use of crew 9¼ lbs. each of fresh beef and vegetables, and 73 lbs. bread. At 7.30 made uniform Signals. At 8.00 the Yantic relieved guard.

Jno. H. Holman
Lieut U.S.N.

8 A.M. to Meridian.
Clear and fine - gentle to moderate breeze from West, and W. by S. Mustered at quarters, and exercised 1st Division - Artillery 2nd division - Infantry, Pioneers - Infantry, and Reserve - Setting up exercises. Received in Pay Department - 200 lbs butter - The Commanding Officer adjudged the following punishment, viz: A. Clark (2d class Fireman) 48 hours overtime - and drunk from liberty, 4th class 3 months (one) 2½ Monthly Money.

W. Roy Mason Jr.
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - barometer steady - light breeze from S.W. and S.S.E. At 1.30 sent out boats to practice under sail - Made general signal 12 - to Yantic - Recalled boats at 2.30.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear and fine, gentle breeze from E. by S. to N.E.

W. Roy Mason Jr.
Ensign U.S.N.

8 P.M. to Midnight:
Clear and pleasant - light breeze from N.E. Barometer steady.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

H. K. Lemly
Lieut. Navigator.

4-205

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North.	N. by E.	3			29-87	66	60	56		b	none	10	
2				"	North.	3			29-87	66	60	56		"	"	10	
3				"	"	3			29-86	65	59	54		"	"	10	
4				"	"	3			29-86	65	59	54		"	"	10	
5				"	N. by W.	3			29-88	63	59	54		b.c.	cum	8	
6				"	"	3			29-89	64	60	55		"	"	9	
7				N. by W.	"	3			29-90	69	65	58		"	cir. cum.	8	
8				"	"	3			29-91	67	66	59		"	"	9	
9				"	"	3			29-91	69	70	63		b.cum.	cir. cum. str.	4	
10				"	"	3			29-91	70	73	66		"	"	4	
11				N. N. W.	W. by N.	3			29-91	71	74	66		"	"	3	
Noon.				S. W. by W.	W. SW	3			29-91	71	74	68		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 485 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2507 "

Coal consumed during the preceding 24 hours, tons 910 lbs.

Coal remaining on hand at Noon, 119 " 1280.

P. M.																	
1				S. W.	W. SW.	1			29-90	72	74	69		b.c.	cir. cum.	6	
2				S. SW.	"	1			29-90	72	74	69		"	"	5	
3				South.	S. W.	1			29-90	72	75	70		"	"	5	
4				West.	"	1			29-88	74	75	70		"	"	5	
5				North.	"	1			29-87	75	75	70		"	"	4	
6				N. by E.	West.	1			29-86	75	74	69		"	"	5	
7				North.	N. W.	1			29-86	75	74	68		"	"	6	
8				"	Calm	0			29-86	75	74	69		"	"	6	
9				"	North.	1			29-88	74	72	70		"	"	7	
10				"	"	1			29-88	73	73	68		"	"	7	
11				"	"	2			29-89	73	73	68		"	"	8	
Mid.				E. N. E.	E. N. E.	4			29-91	71	71	68		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,
Tuesday, November 29, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Quintuple E.M.
Clear, bright starlight. Moonlight till about 2. Gentle breeze from N. by E. to North.

J. T. Harden
Lieut. U. S. N.

4 AM. to 8 AM.
Clear and fine, gentle breeze from N.W. Scrubbed bags. At 7.30 made general signal, 6144 and crossed topgallant yards.

W. Ray Brown Told.
Ensign, U. S. N.

8 AM. to Meridian.
Cloudy and sultry. barometer steady. gentle breeze from N. by W. and W. by N. At 9.30 quarters. two absentees. 1st Division great guns. 2d Division great guns. 3rd Division revolvers. Navigator's single-sticks. Powder. stations. J. Knight (Coal Heaver) reported expiration of term of enlistment. Yantic made interrogatory 5456. Numeral 0. Numeral 2. Numeral 13. This ship made general signal 5456 and loosed sail to a bowline.
American steamer Colon was boarded by boat from Yantic. Sent an officer to ascertain when it would be convenient for the U.S. Minister to receive visit from Commanding Officer.

J. T. Harden
Lieut. U. S. N.

Meridian to 4 P.M.
Partly cloudy, warm and pleasant. Light airs from W.N.W. and S.W. At 1. made general signal 4826 and furled sail. Exercised Marines, at bayonet exercise and 2d Company at setting up.

W. J. Harden
Lieut. U. S. N.

4 to 8 P.M.
Cloudy and pleasant. barometer steady. Light airs from W.N.W. Quarters at 6.15. Sent down topgallant yards and bent light sails. Made general signals 6143. 2253.

W. J. T. Harden
Lieut. U. S. N.

8 P.M. to Midnight.
Clear and pleasant. Bright moon and starlight. Light airs to light breeze from North shifting to E.N.E., and increasing to moderate at 11.00.

W. J. T. Harden
Lieut. U. S. N.

Examined and found to be correct.

C. K. Lewis
Lieut., Navigator.

4-95

LOG of the UNITED STATES

Steamer "Essex", 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	S.E.	3-4			29-90	72	68	66		bm. g.	none	10	
2				"	"	3-4			29-90	70	68	65		"	"	10	
3				S.S.E.	"	3			29-90	69	68	65		bm.	"	10	
4				"	"	2			29-90	69	68	65		bcm.	cir. cum.	7	
5				South.	N.E.	2			29-93	68	68	65		"	cum	6	
6				S.E.	"	2			29-95	69	68	65		"	"	8	
7				E. by S.	"	1			29-96	70	71	66		"	"	9	
8				N.E.	"	1			29-96	71	72	65		"	"	9	
9				North.	"	1			29-99	73	76	68		bm.	none	10	
10				N.N.W.	N.W.	1			29-99	75	79	71		"	"	10	
11				S.E.	S.S.E.	1			29-99	75	81	72		"	"	10	
Noon.				"	"	2			29-99	72	78	70		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: { Latitude by D. R. ° ′ ″ ; Longitude by D. R. ° ′ ″ ; Latitude by observations of ⊙ ° ′ ″ ; Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Position at 8 P. M. { Latitude by ° ′ ″ ; Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 570 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1967 "

Coal consumed during the preceding 24 hours, tons 1335 lbs.

Coal remaining on hand at Noon, 118 " 2185.

P. M.																	
1				S.E. by E.	S.E. by E.	2			29-99	77	78	70		bc.	cir. cum.	9	
2				S.S.E.	S.E.	2			29-98	78	79	71		"	"	9	
3				S. by E.	S. by E.	2			29-97	78	79	74		"	"	8	
4				"	"	2			29-94	78	79	78		"	"	8	
5				S.E.	"	2			29-93	80	80	72		bcm.	"	7	
6				E.S.E.	N.E.	2			29-96	78	79	72		"	"	6	
7				East.	"	2			29-94	74	77	70		"	"	6	
8				"	"	2			29-94	76	77	72		"	"	5	
9				N.N.E.	"	1			29-96	76	77	72		"	"	8	
10				North.	"	1			29-96	75	76	71		"	"	8	
11				"	"	1			29-96	76	74	68		"	"	8	
Mid.				"	"	1			29-96	75	73	67		"	"	8	

under the command of W. W. Mead, Commander, U. S. Navy,

Wednesday, November 30, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Light to moderate breezes from S.E.

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. Barometer rising. Light breeze and light airs from S.E. and N.E. Received in Pay Department 4 lbs. soft bread 92½ lbs. fresh beef. 92½ lbs fresh vegetables. Made following general signal 3340. 3955. 6375 6144. Crossed light yards at 8.00.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear warm and pleasant. Misty. Light airs to light breeze from N.E. to N.W. and S. & E. At 9.30 inspected at quarters and exercised " making and furling sail." During the exercise Thos Miller O.S. while on the fore yard, was struck on the head by the port foretopsail-reefstackle-block and received a severe contusion of the scalp. Commanding Officer accompanied by Ensign C. M. Stone U.S.N., paid an official visit to the U.S. Minister. Unbent foresail for repairs. Yantic - made routine signals - Numerals - 1-2-113-

F. H. Holmes
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light breeze from S.E. by E. to S. by E. At 1.00 made signal to Yantic 2984. Sent liberty parties on shore.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Misty. Light breeze from S.E. to N.E. The U.S. Light House Steamer "Columbine" (from New York for San Francisco.) came in and anchored. Lieut-Commander Clifford West U.S.N., commanding ——— , paid an official visit to this ship. At 6.15 mustered at quarters. Made general signals 6143, 8722 - sent down topgallant and royal yards and unbent light sails. - at 5.20 made 3350.

F. H. Holmes
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs from N.E.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

H. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, 3d Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North.	North.	2			29-96	74	72	64		b.c.	Cir. Cum. St.	4	
2				"	"	2			29-96	74	72	64		"	"	4	
3				N.W. by N.	S.W.	2			29-96	73	72	65		b.cl.	Cir. Cum. Nim.	6	
4				W. by N.	S.S.W.	2			29-96	73	72	67		"	"	6	
5				S.S.E.	"	1			29-98	72	73	68		b.cm.	Cir. Cum. St.	8	
6				S.E. by E.	N.E.	1			30-00	72	73	69		"	"	8	
7				"	S.S.W.	1			30-00	74	73	69		"	"	8	
8				S.S.E.	S.E.	2			30-01	74	73	71		"	"	9	
9				S.E.	S.E.	2			30-01	74	73	70		"	"	8	
10				S.E. by S.	"	3			30-02	74	72	69		b.c.	"	8	
11				S.E.	E.S.E.	3-4			30-02	74	72	69		b.c.gm.	"	8	
Noon.				E. by S.E.	"	2-3			30-03	75	71	69		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 420 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1547 "

Coal consumed during the preceding 24 hours, tons 910 lbs.

Coal remaining on hand at Noon, 118 " 1275

P. M.																	
1				E.S.E.	E.S.E.	3			30-03	74	71	67		b.cm.	Cir. Str.	5	
2				S.E.	"	3			30-03	74	71	68		"	"	5	
3				E.S.E.	E by S.	4			30-01	74	71	66		"	"	4	
4				"	"	5			30-00	72	70	65		"	"	4	
5				S.E.	"	5			30-00	71	70	66		"	"	2	
6				E by S.	"	4-5			29-99	70	69	65		"	"	2	
7				East.	East	3-4			29-99	71	68	6		"	"	2	
8				"	"	3-4			29-98	71	69	5		"	"	3	
9				"	"	3-4			30-00	72	69	6		b.cy.	"	2	
10				E.N.E.	"	2-3			30-01	72	70	6		"	"	3	
11				North	N.E.	2			30-03	73	69	7		b.c.	"	4	
Mid.				"	"	2			30-04	72	69	6		"	"	3	

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday, December 1, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy. Light breeze from the North to S.W.

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. Light airs to light breeze from S.S.E. and N.E. then S.S.E. At 7.50 dressed ship gallant yards. Made uniform signals 3340, 3955, 6375 and general signal 6144.

W. H. Morris,
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light to moderate breezes from S.E. and E.S.E. At 9.30 went to general quarters - times as follows - 1st Division ready in 1m 40s; = 2d Division 1m 25s; = 3d Division 1m 29s; = Navigator 1m 20s; = Powder 2m 10s; = Engineers 50s; = Marine Guard 1m; = Paymasters 1m 05s; = Surgeons 1m 30s. The Commanding Officer awarded the following punishments, viz; Dwyer Patrick (Boy) Not scrubbing bag - 2 nights extra watch; = O'Donnell T. (Lds) - disrespect to an officer - 3 days confinement on bread and water. Placed T. O'Donnell (Lds) in confinement on bread and water for three days. Tested magazine and gun cotton locker - flood - cocks and life buoys: found them in good order. The Commanding Officer called officially on board the Light-house steamer Columbine. The Yantic made the following signals, at 9.00 Numeral 4 - at 10.00 mineral 2 - at 12.00 mineral 112

C. H. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Fair. Gentle to stiff breeze from E by S. Exercised Apprentices at signals and Pioneers at Infantry. Uruguay Gunboat Gral. Artigas came into the harbor. At 3.50. H.M.S. Sirius fired salute of 13 guns, English flag at fore.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Cloudy. Gentle to stiff breezes from E by S. and East. At 615 mustered at quarters. Made signal 3350 to Yantic. The wrecking steamer J. D. Jones, came in and anchored

C. H. Stone
Ensign U.S.N.

8 P.M. to Midnight
Cloudy. Moderate to light breeze from the East to N.E.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

G. K. Cranston
Lieut. - Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex — 3d. Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E.	East.	2			30-03	71	70	66		bc.	cir. str.	4	
2				N. N. E.	N. E.	3			30-00	71	69	65		"	"	6	
3				N. E.	"	3			29-96	70	68	65		"	"	6	
4				"	"	3			29-94	71	67	65		"	"	6	
5				N. E. by E.	"	4			29-94	71	66	64		"	cir. cumn. str.	5	
6				E. by S.	"	3			29-95	70	67	65		bc. m.	"	6	
7				S. E. by E.	"	2			29-95	71	70	67		"	"	7	
8				E. by S.	"	2			29-95	72	73	70		"	"	8	
9				E. N. E.	E. S. E.	3			29-95	72	75	71		"	"	6	
10				E. S. E.	"	3			29-95	72	74	71		"	"	6	
11				E. by N.	"	3			29-95	72	74	71		"	"	7	
Noon.				N. E. by E.	S. E.	3			29-93	72	74	71		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.:
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " . ° ′ ″

Water expended during the preceding 24 hours, 478 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1069 "

Coal consumed during the preceding 24 hours, tons 995 lbs.

Coal remaining on hand at Noon, 118 " 280

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
P. M.																	
1				S. by E.	S. S. E.	2			29-91	74	73	71		bc.	cir. cumn.	8	
2				South.	"	1			29-91	75	74	72		"	"	8	
3				"	"	2			29-89	75	74	72		"	"	8	
4				S. by E.	"	2			29-88	75	75	72		"	"	8	
5				S. S. E.	S. E.	3			29-87	74	75	71		"	"	8	
6				"	"	3			29-87	75	75	71		"	"	8	
7				S. E.	East	3			29-86	75	75	71		"	"	6	
8				"	"	3			29-85	75	74	70		"	"	6	
9				East.	"	4			29-84	74	74	70		"	"	4	
10				E. by N.	"	4			29-84	74	74	70		"	"	3	
11				"	"	3			29-83	74	74	70		"	"	2	
Mid.				"	"	3			29-80	74	74	71		o. c.	Cumn. Nimbs	0	

under the command of W. W. Mead, Commander, U. S. Navy,

Friday, December 2, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Generally fair. Light to gentle breeze from East to N.E.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Fair. Light to moderate breeze from N.E. Executed morning orders. Made uniform signals to Yantic as per signal record. Received in Pay Department 62½ lbs fresh beef and vegetables and 74 lbs. fresh bread.

C. F. M. Stone
Ensign U.S.N.

8 A.M. to Meridian.
Clear. Gentle breeze from E.S.E. to S.E. At 9.30 mustered at quarters. Exercised 1st and 2d Companies at Infantry and 3d Company at Artillery. At 10.04 went to Fire Quarters. Streams as follows - 1st stream 50 sec. 2d stream 1 m.; 3d Stream 1 m. 05 sec.; 4th stream 2 m. 15 sec. At 10.35 started distilling. Anderson Joseph (Chief C. Mate.) and Anderson C. (Armorer) reported expiration of terms of enlistment. Routine signals as per record.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light airs and breezes from S.S.E. Exercised the Engineer's Division and the Marine Guard at small arms - and the 3rd Company at setting up drill. Sent a liberty party on shore. Distilling. At 3.15 made signal 2984.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Gentle breeze from S.E. to the East. At 6.15 mustered at quarters. Signals as per record.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Clouding over. Gentle breeze from East. Distilling.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

M. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 3d. Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb,	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	N.E.	2			29-77	74	74	72		b.c.	cir. cum.	1	
2				"	"	1			29-75	75	74	71		o.c.	cir. nim.	0	
3				"	"	1			29-74	75	73	71		"	"	0	
4				North.	"	1			29-74	75	73	71		"	"	0	
5				N.N.E.	N.N.E.	1			29-74	75	74	71		b.c.	cir. cum. str.	1	
6				"	North.	2			29-74	74	74	69		"	"	3	
7				N.W by W.	N.N.W.	2-4			29-74	77	73	70		b.c.q.	"	2	
8				N.N.W.	"	2-4			29-75	76	76	71		"	"	3	
9				West.	West.	2-4			29-76	76	76	73		b.cqu.	"	5	
10				W.N.W.	South	2-4			29-78	74	74	72		"	"	5	
11				W.S.W.	"	2-4			29-79	75	73	72		"	"	4	
Noon.				North.	S.S.W.	3			29-79	74	73	71		b.cm.	"	2	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 492 gallons.

Water distilled during the preceding 24 hours, 29 29 "

Water remaining on hand fit for use at Noon, 28 96 "

Coal consumed during the preceding 24 hours, 1 tons 2070 lbs.

Coal remaining on hand at Noon, 116 " 450 .

P. M.																	
1				N.W. by W.	S.S.W.	2			29-77	75	74	71		b.cm.	cir. nim.	2	
2				S. by W.	W.S.W.	3			29-78	74	77	71		"	"	1	
3				S.W.	"	3			29-78	73	74	71		b.cd.	"	2	
4				S.S.W.	S.W by S.	4			29-78	74	73	71		b.c.	cir. cum. nim.	3	
5				S. by W.	S.S.W.	3			29-77	75	72	70		"	cir. cum. str.	5	
6				South.	South.	4			29-78	75	70	69		"	cir. cum. nim.	2	
7				"	S. by W.	4			29-78	74	69	67		o.c.	cum. nim.	0	
8				"	South.	2			29.82	77	69	67		b.c.	"	9	
9				"	"	4			29-86	78	69	67		o.c.m.	"	0	
10				S by E	"	4			29-88	78	69	67		"	"	0	
11				E.S.E.	S.S.E.	3			29.86	74	70	67		b.c.	cum str.	6	
Mid.				S.E.	South.	2			29-86	73	69	67		"	"	4	

under the command of W. W. Mead, Commander, U. S. Navy,

Saturday December 3rd, 18 95.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Cloudy then overcast. light breeze to light airs from N.E. Distilling.

F. W. Rymann Mate.
Ensign U.S.N.

4 to 8 A.M.
Cloudy. Light airs to moderate breeze from N.N.E. to N.N.W. U.S.S Columbine shifted anchorage.

W.O. Pugh
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy. Hazy. Light to gentle breeze hauling from N.N.W. to S.S.W. with moderate squalls first part. Inspected bags. Distilling. The Yantic signalled at 9.00 Numeral 0; 10.00 Numeral 4; and at 12.00 Numeral 112. Absentee, W.O. Pugh (2nd Lt.)

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy with light rain. gentle to moderate breeze from S.S.W. and W.S.W. Distilling.

W. F. Rymann Mate.
Ensign U.S.N.

4 o'clock to 8 P.M.
Cloudy to overcast. Gentle to moderate breeze from S.W. by S. to South. Stopped distilling. At 5.30 made signal 2350. At 6.15 mustered at quarters. Absentee W.O. Pugh (2nd Lt.) Hoisted Steam launch.

Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Overcast then clearing. moderate to gentle breeze from S. and S.S.E.

W. F. Rymann Mate.
Ensign U.S.N.

Examined and found to be correct.

H. K. Lemly
Lieut. Navigator.

4-265

LOG of the UNITED STATES — Steamer Essex, Montevideo, Uruguay — 3rd Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	S.by W.	3			29-86	70	69	67		b.c.	Cum. Nimb.	3	
2				S.W.by S.	"	4			29-86	70	69	67		"	"	3	
3				S.S.W.	"	4			29-86	71	67	65		"	"	2	
4				"	"	5			29-86	71	67	65		"	"	3	
5				S.by W.	South	3-4			29-88	71	66	64		b.g.l.	"	1	
6				South	"	3-4			29-91	72	64	63		"	"	1	
7				S.by E.	S.S.E.	3-4			29-93	73	64	63		b.g.l.	"	1	
8				S.S.E.	"	4-5			29-95	68	64	62		"	"	1	
9				"	"	4-5			29-99	69	65	63		b.c.	Cir. Cumu.	2	
10				S.E. by S.	S.E. by S.	3-4			30-01	71	66	63		"	"	4	
11				"	"	4-5			30-03	71	66	63		"	"	2	
Noon.				"	"	3-4			30-04	71	67	63		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 A. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° '

Deviation of the Compass by Azimuth ⊙ observed at , " ° ' "

Water expended during the preceding 24 hours, 567 gallons.

Water distilled during the preceding 24 hours, 200 "

Water remaining on hand fit for use at Noon, 2529 "

Coal consumed during the preceding 24 hours, tons 1420 lbs.

Coal remaining on hand at Noon, 115 " 1270

P. M.																	
1				S.S.E.	S.E. by S.	4			30-04	71	66	62		b.c.	Cir. Cumu.	4	
2				S.by E.	"	4			30-04	71	66	63		"	"	5	
3				S.E. by S.	S.S.E.	4			30-04	71	66	62		"	"	7	
4				S.S.E.	"	4			30-05	71	66	62		"	"	7	
5				"	"	4			30-06	72	66	62		"	"	4	
6				"	"	4			30-07	70	65	62		"	"	4	
7				"	"	4			30-07	72	62	59		"	"	2	
8				"	"	4			30-07	74	62	59		"	"	2	
9				"	"	4			30-12	76	62	59		"	"	2	
10				S.E.	S.E.	4			30-13	76	62	59		"	"	1	
11				"	"	4			30-14	71	61	58		"	"	1	
Mid.				"	"	4			30-12	69	61	58		"	"	1	

under the command of W. W. Mead, Commander, U. S. Navy,

Sunday, December 4, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.

Cloudy - occasional moonlight - barometer steady - gentle to moderate breeze from S. by W. P. Dwyer (Boy) stood extra watch from 12 to 4.

J. T. Newton
Lieut. U.S.N.

4 o'clock to 8 A.M.

Cloudy. Dark and gloomy in the western horizon Gentle to moderate breeze with moderate to stiff squalls from S. by W. hauling to S.S.E. Light passing drizzle first part, passing showers latter part. Received for use of crew - 92½ lbs. each fresh beef and vegetables and 74 lbs bread. 4 Uruguayan gunboat went out standing to the S'd and E'd. At 7 made signals 3356. 3962 and 6370. At 7.45 made signal 3350 Dispatch flag.

H Lieut. Lee Holman
Lieut. U.S.N.

8 A.M. to Meridian.

Fair and pleasant - gentle to stiff breeze from S.E. by S. Mustered at quarters and Commanding Officer inspected ship and crew. Called all hands to muster and read the Articles for the Better Government of the Navy. The Yantic made routine signals of absentees, sick and eel.

Absent without leave Pugh W.O. (Pr. Gr.) - Williams D. (Capt Hold) Cooper M.C. Ober M.J. (Drummer M.C.). Peterson Peter (O.S.). Ober (Drummer) returned on board 2 hours overtime.

W. Ry Mason Jr.
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant - moderate breeze from S.E. by S. and S.S.E. barometer steady - J. M. Cooper (C.H.) returned 5 hours overtime.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Fair and pleasant. Moderate breeze from S.S.E. Yantic made Int. 4561. Answered. Yes

W. Ry Mason Jr.
Ensign U.S.N.

8 P.M. to Midnight

Cloudy and pleasant - barometer rising - moderate breeze from S.S.E. and S.E. Peter Peterson (O.S.) returned on board 15 hours overtime.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

4-265

LOG of the UNITED STATES Steamer Essex, 2d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	S.E.	3			30-13	68	61	58		fc.	cum.	4	
2				East	"	3			30-12	67	61	58		"	"	4	
3				"	"	3			30-12	67	61	58		"	"	4	
4				"	E.S.E.	3			30-12	66	61	58		"	"	6	
5				N.E.by E.	"	3			30-14	65	61	59		"	Cir. Cum. St.	2	
6				E.by S.	"	3			30-16	65	61	58		"	"	3	
7				S.E.	S.E.	2			30-17	66	61	58		"	"	4	
8				S.E.by S.	S.E.by E.	3			30-17	66	61	58		"	"	4	
9				S.S.E.	S.S.E.	3			30-17	68	62	59		"	"	4	
10				S.E.by E.	S.E.	3			30-17	68	63	60		"	"	6	
11				"	"	3			30-17	69	62	59		"	"	6	
Noon.				"	"	3			30-18	68	61	58		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 A. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Deviation of the Compass by Azimuth ⊙ observed at , ship's head ° ′

Deviation of the Compass by Azimuth ⊙ observed at , " ° ′ ″

Water expended during the preceding 24 hours, 480 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2049 "

Coal consumed during the preceding 24 hours, tons 910 lbs.

Coal remaining on hand at Noon, 115 " 360

P. M.																	
1				E.S.E.	S.E.	3			30-19	68	62	59		fc.	Cir. Cum. St.	5	
2				E.N.E.	E.S.E.	4			30-18	68	62	60		"	"	6	
3				East.	"	3			30-16	68	63	60		"	"	5	
4				"	"	3			30-16	68	63	60		"	"	6	
5				"	"	3			30-15	68	63	60		"	"	6	
6				E.S.E.	E.by S.	4			30-15	68	63	60		"	"	7	
7				"	"	4			30-14	71	62	60		"	"	7	
8				"	"	5			30-14	72	63	60		"	"	7	
9				S.E.by E.	"	4			30-14	71	63	61		"	"	8	
10				E.by S.	"	4			30-15	72	63	60		"	"	8	
11				E.N.E.	E.N.E.	4			30-14	70	63	60		"	"	8	
Mid.				N.E.by E.	N.E.by E.	4			30-13	68	62	59		"	"	7	

under the command of W. W. Mead, Commander, U. S. Navy,
Monday, December 5, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Blue sky and clouds with bright moonlight. Gentle breeze from S.E. to E.S.E.

W. J. Fridun
Lieut. U.S.N.

4 to 8 A.M.
Fair and pleasant. Gentle breeze from E.S.E. to S.E. Received in Pay Department 74 lbs soft bread, 92½ lbs Fresh Beef, 92½ lbs Vegetables, - 3 - ½ bbls Sugar. "Yantic" made general signal Int. 2253. Int 4890, and at end of watch left the harbor.

W. Ry Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. barometer steady - gentle breeze from S.E. and S.E. At 9.30 quarters - Absent without leave - W. Carman (Pvt) A.A. Wentz (Private) W.O. Pugh (Quarter Gunner) - D.S. Milliken (Captain Hold).
2d Company - Artillery - 3d Company - Infantry - At 900 light house tender Columbine left. This ship made Interrogatory [redacted] - E.C. & W. Columbine replied R.S.J.
The Commanding Officer adjudged the following punishments - viz.:=
Mead W.J. (S.A.) Not tending side as side boy - 1 night watch;=
Ober M.J. (Drummer) 2 hours overtime - 3 months restriction;=
Cooper J.M. (Coal Heaver) 5 hours overtime. 2nd class 1 month;= Rodriguez M. (Ldg) Disobedience of orders - 5 days confinement - bread & water;=
Peterson Peter (O.S.) 15 hours overtime & night from liberty - 4th class 3 months & $2.00 Monthly Money;=

J. J. Hewlett
Lieut. U.S.N.

Meridian to 4 P.M.
Partly cloudy pleasant weather - Gentle to moderate breeze from S.E. to E.S.E. Furled sail at 1.00 - Transported sheet anchor from bill board to its securing position. Hoisted in catamaran. Exercised Pioneers & signal boys.

W. J. Fridun
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. barometer steady - gentle to moderate breeze from E.S.E & E by S. At 6.15 quarters - absent without leave D.S. Milliken (Captain Hold). & W.O. Pugh (Quarter Gunner). Sent down light light yards - and bent the light sails. W.H. Carman (Private) returned 9 hours overtime. - A.A. Wentz (Private) returned 10 hours overtime.

J. J. Hewlett
Lieut. U.S.N.

8 P.M. to Midnight.
Clear & pleasant. Moderate breeze from E by S. to N.E. by E. - Moon rose at 9.20. W.O. Pugh (Qr. Gr.) & D.S. Milliken (Capt. Hold) returned from liberty 60 & 36 hours respectively overtime.

W. J. Fridun
Lieut. U.S.N.

Examined and found to be correct.

H. K. Hewlett
Lieut, Navigator.

Approved and Forwarded
W. W. Mead
Commander U.S.N.
Commanding